Index to Volume 18

*Author index**

A

Abbott WM (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
— —(*see* Gertler et al). 1993;18:939-46
— — (*see* Gertler et al). 1993;18:323 (Abstract)
— — (*see* Megerman et al). 1993;18:827-34
— — (*see* Petersen et al). 1993;18:955-64
— — (*see* Petersen et al). 1993;18:324 (Abstract)
— — (*see* Watson et al). 1993;18:537 (Abstract)
Adelman MA (*see* Gagne et al). 1993;18:991-1001
— — (*see* Gagne et al). 1993;18:328-9 (Abstract)
Akers DL, Du YH, Kempczinski RF. The effect of carbon coating and porosity on early patency of expanded polytetrafluoroethylene grafts: an experimental study. 1993;18:10-5
Aldridge SC, Comerota AJ, Katz ML, Wolk JH, Goldman BI, White JV. Popliteal venous aneurysm: report of two cases and review of the world literature. 1993;18:708-15 (Case rep)
Alexander JJ (*see* Baele et al). 1993;18:532 (Abstract)
Allen BT, Anderson CB, Rubin BG, Thompson RW, Flye W, Sicard GA. The influence of anesthetic technique on perioperative complications after carotid endarterectomy. 1993;18:528-9 (Abstract)
Allen RC, Schneider J, Longenecker L, Smith RB III, Lumsden AB. Paraanastomotic aneurysms of the abdominal aorta. 1993;18:424-32
Ammar AD (*see* Kelley-Patteson et al). 1993;18:261-5
Anderson C (*see* Baele et al). 1993;18:532 (Abstract)
Anderson CB (*see* Allen et al). 1993;18:528-9 (Abstract)
Andrew CT (*see* Ciocca et al). 1993;18:321 (Abstract)
Andrews PC (*see* DeLucia et al). 1993;18:49-60
Andros G. Mortality over a period of 10 years in patients with peripheral arterial disease. 1993;18:151 (Abstract)
— — (*see* Harris et al). 1993;18:553-60
Anthony JP (*see* Ciresi et al). 1993;18:648-55
Appel RG (*see* Hudspeth et al). 1993;18:381-90
Araki CT, Back TL, Padberg FT Jr, Thompson PN, Duran WN, Hobson RW II. Refinements in the ultrasonic detection of popliteal vein reflux. 1993;18:742-8
Arenas JD (*see* Healy et al). 1993;18:316-7 (Abstract)
Arfors KE. Leukocyte in vivo behavior. 1993;18:107-8 (Special comm.)
Argueso LR (*see* Bomalaski et al). 1993;18:1064-8 (Case rep)
Arora S, Lam DJK, Kennedy C, Meier GH, Gusberg RJ, Negus D. Light reflection rheography: a simple noninvasive screening test for deep vein thrombosis. 1993;18:767-72
— —, Meier GH, Gusberg RJ, Brophy CM, Pedersen H, Lacey K. Noninvasive impedance analysis: a new noninvasive test for graft surveillance. 1993;18:317 (Abstract)
Ascer E. Primary hyperlipoproteinemias. 1993;18:146-7 (Book rev)
— —, Gennaro M, Rogers D. Unilateral renal artery revascularization can salvage renal function and terminate dialysis in selected patients with uremia. 1993;18:1012-8
— —, Kirwin J, Mohan C, Gennaro M. The preferential use of the external iliac artery as an inflow source for redo femoropopliteal and infrapopliteal bypass. 1993;18:234-41
— — (*see* Gennaro et al). 1993;18:320 (Abstract)
Atnip RG (*see* Healy et al). 1993;18:316-7 (Abstract)
— — (*see* Schina et al). 1993;18:749-52
Auer AI (*see* Kurgan et al). 1993;18:303-6 (Case rep)
Avramovic J (*see* Strachan and Avramovic). 1993;18:1074-5-5 (Letter)
Awolsei MA (*see* Watase et al). 1993;18:538 (Abstract)
Azurin DJ (*see* Calligaro et al). 1993;18:914-21
— — (*see* Calligaro et al). 1993;18:317-8 (Abstract)

B

Bacik B (*see* Wasserman et al). 1993;18:320-1 (Abstract)
Back TL (*see* Araki et al). 1993;18:742-8
Baele H, Piotrowski JJ, Yuhas J, Anderson C, Alexander JJ. Infrainguinal bypass in patients with end-stage renal disease. 1993;18:532 (Abstract)
Baitella-Eberle G, Groscurth P, Zilla P, Lachat M, Müller-Glauser W, Schneider J, Neudecker A, von Segresser LK, Dardel E, Turina M. Long-term results of tissue development and cell differentiation on Dacron prostheses seeded with microvascular cells in dogs. 1993;18:1019-28
Bajgier SM (*see* Calligaro et al). 1993;18:914-21
Baker JD. Costs of duplex scanning and the impact of the changes in Medicare reimbursement. 1993;18:702-7 (Special article)
Baker WH, Koustas GS, Littooy FN, Greisler HP. Intraoperative duplex scanning and late carotid stenosis. 1993;18:528 (Abstract)
Ballantyne CM (*see* Entman et al). 1993;18:108-11 (Special comm.)
Ballard DJ (*see* Hallett et al). 1993;18:684-91
Bandyk DF. Effect of balloon angioplasty on femoral artery evaluated with intravascular ultrasound imaging. 1993;18:1085 (Abstract)
— —. The value of tests predicting renovascular hypertension in patients with renal artery stenosis treated by angioplasty. 1993;18:336 (Abstract)
— —, Kinney EV, Riefsnyder TI, Kelly H, Towne JB. Treatment of bacteria-biofilm graft infection by in situ replacement in normal and immune-deficient states. 1993;18:398-406
Banerjee A, Mitchell M, Harken AH. Induction of endogenous myocardial defenses against scheduled ischemia and reperfusion. 1993;18:123-5 (Special comm.)
Barker CF (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Barkmeier LD (*see* Faught et al). 1993;18:512-24
— — (*see* van Bemmelen et al). 1993;18:796-807
Barnett TR (*see* Tilson et al). 1993;18:266-70
Barone F (*see* Sirén et al). 1993;18:125-7 (Special comm.)
Barone H (*see* Marin et al). 1993;18:299-302 (Case rep)
Barrie WW (*see* Payne et al). 1993;18:139-40 (Letter)
Barros AAB (*see* Graham et al). 1993;18:140-1 (Letter)
Baum RA (*see* Carpenter et al). 1993;18:734-41
— — (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
— — (*see* Hertz et al). 1993;18:317 (Abstract)
Baur G. Current critical problems in vascular surgery, volume 4. 1993;18:1080 (Book rev)
Baxter BT. Lipoprotein profile in men with peripheral vascular disease. 1993;18:336-7 (Abstract)
— —. Low-dose aspirin and subsequent peripheral arterial surgery in the Physicians' Health Study. 1993;18:1086 (Abstract)
— —, Davis VA, Minion DJ, Wang YP, Lynch TG, McManus BM. Abdominal aortic aneurysms are associated with altered matrix proteins of the nonaneurysmal aorta. 1993;18:526-7 (Abstract)
Becker MO (*see* Wisselink et al). 1993;18:525-6 (Abstract)

*July, pp. 1-152; August, pp. 153-340; September, pp. 341-552; October, pp. 553-730; November, pp. 731-900; December, pp. 901-1122.

Beckman DJ (*see* Fehrenbacher et al). 1993;18:366-71
Beebe HG (*see* Gerkin et al). 1993;18:760-6
Belkin M (*see* Iafrati et al). 1993;18:539 (Abstract)
-- (*see* Raftery et al). 1993;18:536 (Abstract)
-- (*see* Welch et al). 1993;18:327-8 (Abstract)
Bell PRF (*see* Payne et al). 1993;18:139-40 (Letter)
-- (*see* Sayers et al). 1993;18:138 (Letter)
Bendick PJ, Juleff RS, Ranval TJ, Glover JL. Arterial adaption to increased wall shear stress. 1993;18:530 (Abstract)
Bengtsson H, Bergqvist D. Ruptured abdominal aortic aneurysm: a population-based study. 1993;18:74-80
Benjamin ME, Silva MB Jr, Wilkins HE III, Flinn WR. Correlation of cerebrovascular anatomy with cerebral ischemia during carotid endarterectomy. 1993;18:529 (Abstract)
-- (*see* Nolan et al). 1993;18:534 (Abstract)
Benozio M (*see* Levesque et al). 1993;18:544-5 (Letter)
Bergan JJ. Varicose veins and related disorders. 1993;18:723 (Book rev)
Bergelin RO (*see* Meissner et al). 1993;18:596-608
Bergentz S-E (*see* Weibull et al). 1993;18:841-52
Bergman RT (*see* Miller et al). 1993;18:216-26
Bergqvist D (*see* Bengtsson and Bergqvist). 1993;18:74-80
-- (*see* Weibull et al). 1993;18:841-52
Berkmeier LD (*see* Faught et al). 1993;18:527-8 (Abstract)
Berkowitz HD (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Berry S (*see* Dardik et al). 1993;18:318-9 (Abstract)
Berry SM (*see* Wasserman et al). 1993;18:320-1 (Abstract)
Besso SR (*see* Fillinger et al). 1993;18:536 (Abstract)
Beven EG (*see* Tabbara et al). 1993;18:531-2 (Abstract)
Blankensteijn JD, Gertler JP, Petersen MJ, Brewster DC, Cambria RP, LaMuraglia GM, Abbott WM. Avoiding infrainguinal bypass wound complications in patients with chronic renal insufficiency: the role of the anatomic plane. 1993;18:540-1 (Abstract)
Blebea J, Schomaker WR, Hod G, Fowl RJ, Kempczinski RF. Preoperative duplex venous mapping: a comparison of positional techniques in normal and atherosclerotic patients. 1993; 18:531 (Abstract)
-- (*see* Fowl et al). 1993;18:532 (Abstract)
Bloom JR (*see* Gerkin et al). 1993;18:760-6
Bom N (*see* Gerritsen et al). 1993;18:31-40
Bomalaski MD, Mills JL, Argueso LR, Fujitani RM, Sago AL, Joseph AE. Iliac vein compression syndrome: an unusual cause of varicocele. 1993;18:1064-8 (Case rep)
Borgström P (*see* Schmidt et al). 1993;18:207-15
Bower TC (*see* Hollier et al). 1993;18:477-85
-- (*see* Stone et al). 1993;18:525 (Abstract)
Bowers BL, Valentine RJ, Myers SI, Chervu A, Clagett GP. The natural history of patients with claudication with toe pressures of 40mm Hg or less. 1993;18:506-11
Bowersox JC (*see* Ciresi et al). 1993;18:648-55
Bradbury AW, Ruckley CV. Foot volumetry can predict recurrent ulceration after subfascial ligation of perforators and saphenous ligation. 1993;18:789-95
Branas CC (*see* Weingarten et al). 1993;18:753-9
Brand R (*see* Dawson et al). 1993;18:249-60
Brantley SK, Rigdon EE, Raju S. Persistent sciatic artery: embryology, pathology, and treatment. 1993;18:242-8
Braverman SE (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Brener B (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Brewster DC (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
-- (*see* Watson et al). 1993;18:537 (Abstract)
Brigham RA, Janheimer EC. Puerperal ovarian vein thrombosis. 1993;18:320 (Abstract)
Brockbank KGM (*see* Miller et al). 1993;18:216-26
Brooks DL (*see* Harward et al). 1993;18:459-69
Brophy CM (*see* Arora et al). 1993;18:317 (Abstract)
-- (*see* Tilson et al). 1993;18:266-70
Brothers TE (*see* Elliott et al). 1993;18:881-8
Brown L, McLaren JT. Subclavian to jugular bypass for relief of intractable venous hypertension and salvage of hemodialysis access. 1993;18:536-7 (Abstract)
Buchbinder D, Golueke PJ, Melnick CF, Leand PM, Schneider RE, Ross LH, Reichman WB, Richardson JB. Should carotid endarterectomy be performed at a community hospital? 1993; 18:322 (Abstract)
Buchman TG. Programmed cell death (apoptosis): a potential mechanism contributing to multiple organ dysfunction syndrome. 1993;18:132-4 (Special comm.)
Bunt TJ, Mohr JD. Care of the critically ill patient, 2nd edition. 1993;18:332 (Book rev)
Burnham SJ (*see* Criado et al). 1993;18:495-505
Burrell L (*see* Wilkerson et al). 1993;18:932-8
-- (*see* Wilkerson et al). 1993;18:322-3 (Abstract)

C

Cabrera RC (*see* Lamparello et al). 1993;18:320 (Abstract)
Cailleux N (*see* Levesque et al). 1993;18:544-5 (Letter)
Calligaro KD, Azurin DJ, Dougherty MJ, Dandora R, Simper SC, Savarese RP, Raviola C, DeLaurentis DA. Pulmonary risk factors of elective abdominal aortic surgery. 1993;18:317-8 (Abstract)
--, --, --, --, Bajgier SM, Simper S, Savarese RP, Raviola CA, DeLaurentis DA. Pulmonary risk factors of elective abdominal aortic surgery. 1993;18:914-21
Callow AD. Endothelial cell dysfunctions. 1993;18:334 (Book rev)
Cambria RA, Gloviczki P, Naessens JM, Wahner HW. Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities. 1993;18:773-82
Cambria RP. Magnetic resonance imaging of angiographically occult runoff vessels in peripheral arterial occlusive disease. 1993;18:1087 (Abstract)
--. Simultaneous revascularization for critical coronary and peripheral vascular ischemia. 1993;18:337 (Abstract)
-- (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
-- (*see* Cooke and Cambria). 1993;18:90-4 (Case rep.)
-- (*see* Gertler et al). 1993;18:939-46
-- (*see* Gertler et al). 1993;18:323 (Abstract)
-- (*see* Watson et al). 1993;18:537 (Abstract)
Carabasi RA (*see* Feld et al). 1993;18:141 (Letter reply)
Carolan G (*see* Fligelstone et al). 1993;18:836-40
Carpenter JP, Holland GA, Baum RA, Owen RS, Carpenter JT, Cope C. Magnetic resonance venography for the detection of deep venous thrombosis: comparison with contrast venography and duplex Doppler ultrasonography. 1993;18:734-41
--, Leiberman MD, Shlansky-Goldberg R, Braverman SE, Soulen M, Holland GA, Baum RA, Owen RS, Golden MA, Berkowitz HD, Barker CF, Perloff LJ. Infrageniculate bypass graft entrapment. 1993;18:81-9 (Case rep.)
-- (*see* Hertz et al). 1993;18:317 (Abstract)
Carpenter JT (*see* Carpenter et al). 1993;18:734-41
Carr MH (*see* Welch et al). 1993;18:858-66
Castelli W (*see* Leoni et al). 1993;18:537-8 (Abstract)
Castronuovo J Jr, Guss SB, Sawhney A, Mysh D, Wolff M, Gown AM. The inhibition of neointimal hyperplasia by gamma interferon. 1993;18:323-4 (Abstract)
Chalmers RTA, Synn AY, Hoballah JJ, Corson JD. A distal anastomotic pseudoaneurysm after tibial artery vein bypass in an immunosuppressed patient. 1993;18:545-7 (Letter)
--, Kresowik TF, Hoballah JJ, Sharp WJ, Synn AY, Corson JD. The late outcome of a prospective study of thrombolytic treatment of native arterial and bypass graft occlusion. 1993; 18:325 (Abstract)
-- (*see* Sharp et al). 1993;18:533-4 (Abstract)
Chan FA (*see* Patel et al). 1993;18:1030-6
Chang BB (*see* Shah et al). 1993;18:543 (Abstract)
Cherry KJ Jr (*see* Stone et al). 1993;18:525 (Abstract)
Chervu A (*see* Bowers et al). 1993;18:506-11

-- (*see* Valentine et al). 1993;18:433-40
Chimowitz M (*see* Cohen et al). 1993;18:1002-11
-- (*see* Cohen et al). 1993;18:329 (Abstract)
Chung-Welch N (*see* Gertler et al). 1993;18:939-46
-- (*see* Gertler et al). 1993;18:323 (Abstract)
Chuter TAM, Green RM, Ouriel K, Fiore WM, DeWeese JA. Transfemoral endovascular aortic graft placement. 1993;18: 185-97
Cikrit DF, Dalsing MC, Lalka SG, Fiore N, Sawchuk AP, Ladd AP. Endovascular in situ saphenous vein bypass grafting. 1993;18:525 (Abstract)
Ciocca RG, Wilkerson DK, Madson DL, Andrew CT, Graham AM. Symptomatic subclavian steal syndrome four decades after operation for dysphagia lusoria. 1993;18:321 (Abstract)
Cipollone M (*see* Keen et al). 1993;18:527 (Abstract)
Ciresi KF, Anthony JP, Hoffman WY, Bowersox JC, Reilly LM, Rapp JH. Limb salvage and wound coverage in patients with large ischemic ulcers: a multidisciplinary approach with revascularization and free tissue transfer. 1993;18:648-55
Cisar L (*see* Wilkerson et al). 1993;18:932-8
-- (*see* Wilkerson et al). 1993;18:322-3 (Abstract)
Clagett GP. Thrombosis in cardiovascular disorders. 1993;18: 1082 (Book rev)
-- (*see* Bowers et al). 1993;18:506-11
-- (*see* Valentine et al). 1993;18:433-40
Clair DG, Mannick JA, Whittemore AD, Donaldson MC. Randomized prospective study of angioscopically assisted in situ saphenous vein grafting. 1993;18:539 (Abstract)
Clauss RH (*see* Patel et al). 1993;18:1030-6
Clavier E (*see* Levesque et al). 1993;18:544-5 (Letter)
Clowes AW (*see* Dawson et al). 1993;18:673-83
Cohen S, Hobson RW II, Chimowitz M, Weiss DG. Mortality associated with asymptomatic carotid stenosis: long-term clinical evaluation. 1993;18:329 (Abstract)
--, --, Weiss DG, Chimowitz M, VA Cooperative Study 165 Group. Death associated with asymptomatic carotid artery stenosis: long-term clinical evaluation. 1993;18:1002-11
Cohn JL (*see* Wagner et al). 1993;18:637-47
Colburn MD (*see* Makhoul et al). 1993;18:666-72
Comerota AJ (*see* Aldridge et al). 1993;18:708-15 (Case rep)
-- (*see* White et al). 1993;18:922-31
-- (*see* White et al). 1993;18:319 (Abstract)
Cooke JC, Cambria RP. Simultaneous tracheobronchial and esophageal obstruction caused by a descending thoracic aneurysm. 1993;18:90-4 (Case rep.)
Cope C (*see* Carpenter et al). 1993;18:734-41
Cordero P (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Cordts PR (*see* Gardner et al). 1993;18:808-13
Corson JD (*see* Chalmers et al). 1993;18:545-7 (Letter)
-- (*see* Chalmers et al). 1993;18:325 (Abstract)
-- (*see* Sharp et al). 1993;18:533-4 (Abstract)
Coselli JS. Spinal cord stimulation evoked potentials during thoracoabdominal aortic aneurysm surgery. 1993;18:1084 (Abstract)
-- (*see* Svensson et al). 1993;18:541-2 (Abstract)
Cossman DV (*see* Wagner et al). 1993;18:637-47
Costello JM Jr (*see* Langan et al). 1993;18:316 (Abstract)
Costello JM (*see* Langan et al). 1993;18:905-13
Coull BM. Rheologic mechanisms in brain ischemia: regulatory aspects. 1993;18:128-31 (Special comm.)
Courtois H (*see* Levesque et al). 1993;18:544-5 (Letter)
Creely B (*see* Hollier et al). 1993;18:477-85
Criado E, Burnham SJ, Tinsley EA Jr, Johnson G Jr, Keagy BA. Femorofemoral bypass graft: analysis of patency and factors influencing long-term outcome. 1993;18:495-505
Criado FJ. A case of phlegmasia cerulea dolens treated successfully with intravenous and intraarterial transcatheter thrombolysis. 1993;18:320 (Abstract)
Crolla RMPH, Steyling JF, Hennipman A, Slootweg PJ, Taams A. A case of cystic adventitial disease of the popliteal artery demonstrated by magnetic resonance imaging. 1993;18: 1052-5
Cronenwett JL, Katz DA. Cost-effectiveness of early surgery for small abdominal aortic aneurysms. 1993;18:538-9 (Abstract)
-- (*see* Fillinger et al). 1993;18:536 (Abstract)
-- (*see* Powell et al). 1993;18:326 (Abstract)
Cross MA (*see* Elliott et al). 1993;18:881-8
Cutler BS. Complications and validity of pulmonary angiography in acute pulmonary embolism. 1993;18:337-8 (Abstract)
--. Low molecular weight heparin (enoxaparin) reduces restenosis after iliac angioplasty in the hypercholesterolemic rabbit. 1993;18:150 (Abstract)
Cynamon J (*see* Marin et al). 1993;18:299-302 (Case rep)
Czeredarczuk M (*see* Weingarten et al). 1993;18:753-9

D

Dake MD (*see* Rubin et al). 1993;18:656-65
-- (*see* Walker et al). 1993;18:1042-51
Dalsing MC. Connective tissue proteinases and inhibitors in abdominal aortic aneurysms. 1993;18:148 (Abstract)
--. Improved management of the Paget-Schrotetter syndrome secondary to thoracic outlet compression. 1993;18:1083 (Abstract)
-- (*see* Cikrit et al). 1993;18:525 (Abstract)
Dandora R (*see* Calligaro et al). 1993;18:914-21
-- (*see* Calligaro et al). 1993;18:317-8 (Abstract)
Dardel E (*see* Baitella-Eberle et al). 1993;18:1019-28
Dardik H, Wolodiger F, Berry S, Vazquez R, Silvestri F, Ibrahim IM, Kahn M, Sussman B. Everted cervical vein patch angioplasty for carotid endarterectomy. 1993;18:318-9 (Abstract)
Darling RC III (*see* Shah et al). 1993;18:543 (Abstract)
Darling RC Jr (*see* Watson et al). 1993;18:537 (Abstract)
Davis CA III, Pearce WH, Haines GK, Shah M, Koch AE. Increased ICAM-1 expression in aortic disease. 1993;18: 875-80
Davis VA (*see* Baxter et al). 1993;18:526-7 (Abstract)
Dawson DL, Zierler RE, Strandness DE Jr, Clowes AW, Kohler TR. The role of duplex scanning and arteriography before carotid endarterectomy: a prospective study. 1993;18:673-83
Dawson I, van Bockel JH, Brand R. Late nonfatal and fatal cardiac events after infrainguinal bypass for femoropopliteal occlusive disease during a thirty-one–year period. 1993;18:249-60
Dean RH (*see* Hudspeth et al). 1993;18:381-90
Defrang RD (*see* Nehler et al). 1993;18:783-8
DeLaria GA, Phifer T, Roy J, Tu R, Thyagarajan K, Quijano RC. Hemodynamic evaluation of a bioprosthetic venous prosthesis. 1993;18:577-86
DeLaurentis DA (*see* Calligaro et al). 1993;18:914-21
-- (*see* Calligaro et al). 1993;18:317-8 (Abstract)
DeLucia A III, Wakefield TW, Andrews PC, Nichol BJ, Kadell AM, Wrobleski SK, Downing LJ, Stanley JC. Efficacy and toxicity of differently charged polycationic protamine-like peptides for heparin anticoagulation reversal. 1993;18:49-60
DeWeese JA, Leather R, Porter J. Practice guidelines: lower extremity revascularization. 1993;18:280-94 (Special article)
-- (*see* Chuter et al). 1993;18:185-97
-- (*see* Ouriel et al). 1993;18:16-22
-- (*see* Ricotta et al). 1993;18:328 (Abstract)
Diethrich EB. Endovascular surgery credentials. 1993;18:1073-4 (Letter)
DiMattia ST (*see* Kent et al). 1993;18:542 (Abstract)
Dodson TF (*see* Suggs et al). 1993;18:349-57
Donaldson MC, Whittemore AD, Mannick JA. Further experience with an all-autogenous tissue policy for infrainguinal reconstruction. 1993;18:41-8
-- (*see* Clair et al). 1993;18:539 (Abstract)
Dougherty MJ (*see* Calligaro et al). 1993;18:914-21
-- (*see* Calligaro et al). 1993;18:317-8 (Abstract)
Downing LJ (*see* DeLucia et al). 1993;18:49-60
Dreyer WJ (*see* Entman et al). 1993;18:108-11 (Special comm.)

Du Bois NAJJ (*see* Gerritsen et al). 1993;18:31-40
Du YH (*see* Akers et al). 1993;18:10-5
Dulawa L (*see* Harris et al). 1993;18:553-60
Duran WN, Milazzo VJ, Hobson RW II. Microcirculatory dysfunction in ischemia/reperfusion injury: role of platelet activation factor. 1993;18:113-4 (Special comm.)
— — (*see* Araki et al). 1993;18:742-8
Durham JR. Subcutaneous low-molecular-weight heparin compared with continuous intravenous heparin in the treatment of proximal-vein thrombosis. 1993;18:339 (Abstract)

E

Edwards JM (*see* Nehler et al). 1993;18:618-26
— — (*see* Park et al). 1993;18:61-9
Edwards WH (*see* Edwards et al). 1993;18:470-6
— — (*see* Tapper et al). 1993;18:372-80
Edwards WH Jr, Kaiser AB, Tapper S, Edwards WH Sr, Martin RS III, Mulherin JL Jr, Jenkins JM, Roach AC. Cefamandole versus cefazolin in vascular surgical wound infection prophylaxis: cost-effectiveness and risk factors. 1993;18:470-6
— — (*see* Tapper et al). 1993;18:372-80
Eidt JF. Peripheral vascular injuries in children. 1993;18:338 (Abstract)
Eikelboom BC (*see* van der Heijden et al). 1993;18:271-9
Eisenbud D (*see* Shoenfeld et al). 1993;18:318 (Abstract)
El-Massry S (*see* Saad et al). 1993;18:587-95
Elliott BM, Robison JG, Brothers TE, Cross MA. Limitations of peroneal artery bypass grafting for limb salvage. 1993;18:881-8
Elliott JP Jr (*see* Tynall et al). 1993;18:535 (Abstract)
Elmore JR (*see* Langan et al). 1993;18:905-13
— — (*see* Langan et al). 1993;18:316 (Abstract)
Endeen ED (*see* Schwarcz et al). 1993;18:530 (Abstract)
Eng RHK (*see* Padberg et al). 1993;18:327 (Abstract)
Entman ML, Kukielka GL, Dreyer WJ, Youker KA, Rossen RD, Ballantyne CM, Smith CW. The neutrophil in cardiac ischemia reperfusion injury. 1993;18:108-11 (Special comm.)
Ernst CB (*see* Nypaver et al). 1993;18:821-6
— — (*see* Tynall et al). 1993;18:535 (Abstract)
Evans JN (*see* Slaiby et al). 1993;18:540 (Abstract)

F

Faggioli GL (*see* Shah et al). 1993;18:965-71
— — (*see* Shah et al). 1993;18:324-5 (Abstract)
Fallon JT (*see* Petersen et al). 1993;18:955-64
Farmer DL, Goldstone J, Lim RC, Reily LM. Failure of glow-discharge polymerization onto woven Dacron to improve performance of hemodialysis grafts. 1993;18:570-6
Faught WE, Mattos MA, van Bemmelen PS, Hodgson KJ, Berkmeier LD, Sumner DS. Color-flow duplex scanning of carotid arteries: new velocity criteria based on roc analysis for threshold stenoses used in the symptomatic and asymptomatic carotid trials. 1993;18:527-8 (Abstract)
— —, van Bemmelen PS, Mattos MA, Hodgson KJ, Barkmeier LD, Ramsey DE, Sumner DS. Presentation and natural history of internal carotid artery occlusion. 1993;18:512-24
— — (*see* van Bemmelen et al). 1993;18:796-807
Fehrenbacher JW, McCready RA, Hormuth DA, Beckman DJ, Halbrook HG, Herod GT, Pittman JN, Siderys H. One-stage segmental resection of extensive thoracoabdominal aneurysms with left-sided heart bypass. 1993;18:366-71
Feinberg RL, Sorrell K, Wheeler JR, Gregory RT, Snyder SO Jr, Gayle RG, Parent FN III. Successful management of traumatic false aneurysm of the extracranial vertebral artery by duplex-directed manual occlusion: a case report. 1993;18:889-94 (Case rep)
Feld R, Needleman L, Carabasi RA. Regarding "Treatment of iatrogenic femoral artery injuries with ultrasound-guided compression." 1993;18:141 (Letter reply)
Fenn N (*see* Nypaver et al). 1993;18:821-6
Feuerstein (*see* Sirén et al). 1993;18:125-7 (Special comm.)
Fiegel VD (*see* Santilli et al). 1993;18:227-33
Fillinger MF, Cronenwett JL, Besso SR, Walsh DB, Zwolak RM. Vein adaptation to the hemodynamic environment of infrainguinal grafts. 1993;18:536 (Abstract)
Fiore N (*see* Cikrit et al). 1993;18:525 (Abstract)
Fiore WM (*see* Chuter et al). 1993;18:185-97
Firestone GP (*see* Schmidt et al). 1993;18:207-15
Fisher LD (*see* Saad et al). 1993;18:587-95
Fligelstone L, Carolan G, Pugh N, Shandall A, Lane I. An assessment of the long saphenous vein for potential use as a vascular conduit after varicose vein surgery. 1993;18:836-40
Flinn WR (*see* Benjamin et al). 1993;18:529 (Abstract)
— — (*see* Nolan et al). 1993;18:534 (Abstract)
Flye W (*see* Allen et al). 1993;18:528-9 (Abstract)
Flynn TC (*see* Harward et al). 1993;18:459-69
Foran RF (*see* Wagner et al). 1993;18:637-47
Fowl RJ, Palascak JE, Ose KJ, Blebea J, Kempezinski RR. Bleeding time as a predictor of early PTFE graft failure. 1993;18:532 (Abstract)
— — (*see* Blebea et al). 1993;18:531 (Abstract)
Franklin DP (*see* Langan et al). 1993;18:905-13
— — (*see* Langan et al). 1993;18:316 (Abstract)
Freischlag JA (*see* Jacobs et al). 1993;18:534-5 (Abstract)
Freundlich R (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Frieling JTM (*see* Roumen et al). 1993;18:853-7
Fronek A (*see* Schmidt et al). 1993;18:207-15
Fry RE. Antithrombotic efficacy of low-molecular-weight heparin in deep arterial injury. 1993;18:339 (Abstract)
Fry WJ. Current surgical therapy, 4th edition. 1993;18:144 (Book rev)
Fujitani RM (*see* Bomalaski et al). 1993;18:1064-8 (Case rep)
— — (*see* Mills et al). 1993;18:416-23

G

Gadowsky GR (*see* Slaiby et al). 1993;18:540 (Abstract)
Gagne PJ, Riles TS, Lamparello PJ, Giangola G, Adelman MA, Landis R, Imparato AM. Long-term follow-up of patients undergoing reoperation for recurrent carotid disease. 1993;18:328-9 (Abstract)
— —, — —, Jacobowitz GR, Lamparello PJ, Giangola G, Adelman MA, Imparato AM, Mintzer R. Long-term follow-up of patients undergoing reoperation for recurrent carotid artery disease. 1993;18:991-1001
Gallagher SG (*see* Kent et al). 1993;18:542 (Abstract)
Galt SW (*see* Zwolak et al). 1993;18:541 (Abstract)
Gandhi RH, Irizarry E, Nackman GB, Halpern VJ, Mulcare RJ, Tilson MD. Analysis of the connective tissue matrix and proteolytic activity of primary varicose veins. 1993;18:814-20
Gardner GP, Cordts PR, Gillespie DL, LaMorte W, Woodson J, Menzoian JO. Can air plethysmography accurately identify upper extremity deep venous thrombosis? 1993;18:808-13
— —, Josephs LG, Rosca M, Rich JM, Woodson J, Menzoian JO. Flank bulge associated with retroperitoneal incisions: an anatomical and neurophysiological evaluation. 1993;18:321-2 (Abstract)
Gayle RG (*see* Feinberg et al). 1993;18:889-94 (Case rep)
Gennaro M, Ascer E, Mohan C, Matano R. Unilateral renal artery bypass for kidney salvage in high-risk patients requiring dialysis: Is it worth the effort? 1993;18:320 (Abstract)
— — (*see* Ascer et al). 1993;18:234-41
— — (*see* Ascer et al). 1993;18:1012-8
Gerkin T, Beebe HG, Williams DM, Bloom JR, Wakefield TW. Popliteal vein entrapment presenting as deep venous thrombosis and chronic venous insufficiency. 1993;18:760-6
— — (*see* Oldham et al). 1993;18:136-7 (Special comm.)
Gerritsen GP, Gussenhoven EJ, The SHK, Pieterman H, Lugt AVD, Li W, Bom N, van Dijk LC, Du Bois NAJJ, van Urk H. Intravascular ultrasonography before and after intervention: in vivo comparison with angiography. 1993;18:31-40

Gertler JP, Ocasio VH. Endothelin production by hypoxic human endothelium. 1993;18:178-84
— —, Perry L, Chung-Welch N, L'Italien G, Cambria RP, Orkin RW, Abbott WM. Ambient O_2 tension modulates endothelial fibrinolysis. 1993;18:323 (Abstract)
— —, — —, L'Italien G, Chung-Welch N, Cambria RP, Orkin R, Abbott WM. Ambient oxygen tension modulates endothelial fibrinolysis. 1993;18:939-46
— — (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
— — (*see* Watson et al). 1993;18:537 (Abstract)
Giangola G (*see* Gagne et al). 1993;18:991-1001
— — (*see* Gagne et al). 1993;18:328-9 (Abstract)
Gilbertson JJ (*see* Zwolak et al). 1993;18:541 (Abstract)
Gillespie DL. With regard to "The role of air plethysmography in monitoring results of venous surgery." 1993;18:140 (Letter reply)
— — (*see* Gardner et al). 1993;18:808-13
Giordano JM. Malpractice and the vascular surgeon. 1993;18:901-4
Glagov S (*see* Zarins et al). 1993;18:526 (Abstract)
Glover JL (*see* Bendick et al). 1993;18:530 (Abstract)
Gloviczki P. Quantitative measurement of venous incompetence (Medical Intelligence Unit Series). 1993;18:548-9 (Book rev)
— — (*see* Cambria et al). 1993;18:773-82
— — (*see* Lowell et al). 1993;18:138-9 (Letter reply)
— — (*see* Miller et al). 1993;18:216-26
— — (*see* Stone et al). 1993;18:525 (Abstract)
Golden M. Cell biology of extracellular matrix. 1993;18:142 (Book rev)
— — (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Goldman BI (*see* Aldridge et al). 1993;18:708-15 (Case rep)
Goldstone J (*see* Farmer et al). 1993;18:570-6
Golueke PJ (*see* Buchbinder et al). 1993;18:322 (Abstract)
Gordon RE (*see* Marin et al). 1993;18:170-7
— — (*see* Marin et al). 1993;18:407-15
— — (*see* Sales et al). 1993;18:199-206
Goren G. Regarding "Venous ulcers and the superficial venous system." 1993;18:716-8 (Letter)
Goris RJA (*see* Roumen et al). 1993;18:853-7
Gown AM (*see* Castronuovo et al). 1993;18:323-4 (Abstract)
Graham AM. Shear stress regulates smooth muscle proliferation and neointimal thickening in porous polytetrafluoroethylene grafts. 1993;18:551 (Abstract)
— — (*see* Ciocca et al). 1993;18:321 (Abstract)
— — (*see* Wilkerson et al). 1993;18:932-8
Graham ANJ, Hood JM, Barros AAB. Regarding "Treatment of iatrogenic femoral artery injuries with ultrasound-guided compression." 1993;18:140-1 (Letter)
Granger DN, Villareal D. Mechanisms of reperfusion-induced microvascular dysfunction. 1993;18:104-6 (Special comm.)
Graor RA (*see* Olin et al). 1993;18:1037-41
Green RM (*see* Chuter et al). 1993;18:185-97
— — (*see* Ouriel et al). 1993;18:16-22
— — (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Greenfield LJ, Proctor MC, Williams DM, Wakefield TW. Long-term experience with transvenous catheter pulmonary embolectomy. 1993;18:450-8
Gregoric ID (*see* Jacobs et al). 1993;18:1-9
Gregory RT (*see* Feinberg et al). 1993;18:889-94 (Case rep)
Greisler HP (*see* Baker et al). 1993;18:528 (Abstract)
Groscurth P (*see* Baitella-Eberle et al). 1993;18:1019-28
Guice KS (*see* Oldham et al). 1993;18:136-7 (Special comm.)
Gupta SK (*see* Leoni et al). 1993;18:537-8 (Abstract)
Gusberg R. Basic science review for surgeons. 1993;18:1081-2 (Book rev)
— —, Lacey KO, Krumholz H, Sumpio BE, Meier GH. Simultaneous bilateral renal revascularization: predicting and assessing outcome in high-risk patients. 1993;18:542 (Abstract)
— — (*see* Arora et al). 1993;18:767-72
— — (*see* Arora et al). 1993;18:317 (Abstract)
Guss SB (*see* Castronuovo et al). 1993;18:323-4 (Abstract)
Gussenhoven EJ (*see* Gerritsen et al). 1993;18:31-40

H

Haas K (*see* White et al). 1993;18:922-31
— — (*see* White et al). 1993;18:319 (Abstract)
Haines GK (*see* Davis et al). 1993;18:875-80
Hakim FS (*see* Sidawy et al). 1993;18:947-53
Hakin F (*see* Sidawy et al). 1993;18:324 (Abstract)
Halbrook HG (*see* Fehrenbacher et al). 1993;18:366-71
Hallenbeck JM (*see* Sirén et al). 1993;18:125-7 (Special comm.)
Hallett JW Jr. Randomized trial of subcutaneous low-molecular weight heparin CY 216 (fraxiparine) compared with intravenous unfractionated heparin in the curative treatment of submassive pulmonary embolism. 1993;18:727-8 (Abstract)
— —, Naessens JM, Ballard DJ. Early and late outcome of surgical repair for small abdominal aortic aneurysms: a population-based analysis. 1993;18:684-91
— — (*see* Stone et al). 1993;18:525 (Abstract)
Halpern VJ (*see* Gandhi et al). 1993;18:814-20
Hamilton G (*see* Megerman et al). 1993;18:827-34
Hanel KC (*see* Jorgensen et al). 1993;18:70-3
Hansen KJ (*see* Hudspeth et al). 1993;18:381-90
Harken AH (*see* Banerjee et al). 1993;18:123-5 (Special comm.)
Harker CT (*see* Nehler et al). 1993;18:783-8
— — (*see* Park et al). 1993;18:61-9
Harley JD. Current practice of interventional radiology. 1993;18:331-2 (Book rev)
Harris EJ Jr, Taylor LM Jr, Moneta GL, Porter JM. Outcome of infrainguinal arterial reconstruction in women. 1993;18:627-36
Harris J (*see* May et al). 1993;18:1056-9
Harris LM (*see* Shah et al). 1993;18:965-71
— — (*see* Shah et al). 1993;18:324-5 (Abstract)
Harris RW, Schneider PA, Andros G, Oblath RW, Salles-Cunha S, Dulawa L. Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? 1993;18:553-60
Harrison PB (*see* Sladen et al). 1993;18:1071-3
Harward T. Introduction to vascular ultrasonography, 3rd edition. 1993;18:334-5 (Book rev)
Harward TRS, Brooks DL, Flynn TC, Seeger JM. Multiple organ dysfunction after mesenteric artery revascularization. 1993;18:459-69
— —, Smith S, Hawkins IF, Seeger J. Follow-up evaluation after renal artery bypass surgery with use of carbon dioxide arteriography and color-flow duplex scanning. 1993;18:23-30
Hasaniya N, Katzen JT. Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature. 1993;18:295-8 (Case rep)
Hawkins IF (*see* Harward et al). 1993;18:23-30
H'Doubler PB (*see* Petersen et al). 1993;18:324 (Abstract)
H'Doubler PB Jr (*see* Petersen et al). 1993;18:955-64
Healy DA, Arenas JD, Wengrovitz M, Neumyer MM, Atnip RG, Thiele BL. Clinical diagnosis of renovascular hypertension: results of revascularization. 1993;18:316-7 (Abstract)
— — (*see* Schina et al). 1993;18:749-52
Hechtman HB. Mediators of local and remote injury following gut ischemia. 1993;18:134-6 (Special comm.)
Henderson EL (*see* Powell et al). 1993;18:326 (Abstract)
Hendley ED (*see* Slaiby et al). 1993;18:540 (Abstract)
Hennipman A (*see* Crolla et al). 1993;18:1052-5
Hermreck AS (*see* Iliopoulos et al). 1993;18:533 (Abstract)
Herod GT (*see* Fehrenbacher et al). 1993;18:366-71
Herrera HR (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Hertz SM, Carpenter JP, Baum RA, Holland GA. Magnetic resonance angiographic imaging of angioplasty and atherectomy sites. 1993;18:317 (Abstract)

Hertzer NR. Further developments concerning practice expense reimbursement in vascular surgery. 1993;18:895 (Letter)
— —, Noether MG. The resource-based relative value scale in vascular surgery—A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform.
1993;18:692-701
— — (*see* Tabbara et al). 1993;18:531-2 (Abstract)
Heslin MJ (*see* Pisters et al). 1993;18:307-9 (Case rep)
Hess KR (*see* Svensson et al). 1993;18:541-2 (Abstract)
Hoballah JJ (*see* Chalmers et al). 1993;18:545-7 (Letter)
— — (*see* Chalmers et al). 1993;18:325 (Abstract)
— — (*see* Sharp et al). 1993;18:533-4 (Abstract)
Hobson RW II, Strandness DE Jr. Carotid artery stenosis: What's in the measurement? 1993;18:1069-70 (Editorial)
— — (*see* Araki et al). 1993;18:742-8
— — (*see* Cohen et al). 1993;18:1002-11
— — (*see* Cohen et al). 1993;18:329 (Abstract)
— — (*see* Duran et al). 1993;18:113-4 (Special comm.)
— — (*see* Johnson et al). 1993;18:541 (Abstract)
— — (*see* Teehan et al). 1993;18:318 (Abstract)
Hod G (*see* Blebea et al). 1993;18:531 (Abstract)
Hodgson KJ (*see* Faught et al). 1993;18:512-24
— — (*see* Faught et al). 1993;18:527-8 (Abstract)
— — (*see* van Bemmelen et al). 1993;18:796-807
Hoffman WY (*see* Ciresi et al). 1993;18:648-55
Holland GA (*see* Carpenter et al). 1993;18:734-41
— — (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
— — (*see* Hertz et al). 1993;18:317 (Abstract)
Hollier LH, Money SR, Creely B, Bower TC, Kazmier FJ. Direct replacement of mycotic thoracoabdominal aneurysms. 1993; 18:477-85
— — (*see* Wisselink et al). 1993;18:525-6 (Abstract)
Hong SL (*see* Ozaki et al). 1993;18:486-94
Hood JM (*see* Graham et al). 1993;18:140-1 (Letter)
Hoppel BE (*see* Petersen et al). 1993;18:955-64
— — (*see* Petersen et al). 1993;18:324 (Abstract)
Hormuth DA (*see* Fehrenbacher et al). 1993;18:366-71
Horowitz LD. Coronary vascular and myocardial injury from ischemia and reperfusion in canine models of acute myocardial infarction. 1993;18:120-1 (Special comm.)
Horton JW. The contribution of oxygen free radicals and lipid peroxidation to cardiac dysfunction after burn injury. 1993;18: 131-2 (Special comm.)
Hudspeth DA, Hansen KJ, Reavis SW, Starr SM, Appel RG, Dean RH. Renal duplex sonography after treatment of renovascular disease. 1993;18:381-90
Hulthén L (*see* Weibull et al). 1993;18:841-52
Humphrey PW, Keller MP, Spadone DP, Silver D. Spontaneous common carotid artery dissection. 1993;18:95-9 (Case rep.)
Hunt JM (*see* Jorgensen et al). 1993;18:70-3
Hunter GC. Are aortic aneurysms caused by atherosclerosis? 1993;18:728-9 (Abstract)
Hurwitz S (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Hyde GL (*see* Schwarcz et al). 1993;18:530 (Abstract)
Hye RJ Intravascular ultrasound imaging. 1993;18:722-3 (Book rev)

I

Iafrati MD, Welch HA, O'Donnell TF Jr, Belkin M. Implication of noninvasive venous testing in the selection of patients for venous reconstructive surgery. 1993;18:539 (Abstract)
Ibrahim IM (*see* Dardik et al). 1993;18:318-9 (Abstract)
Iliopoulos JI, Lowe B, Hermreck AS, Pierce GE, Thomas JH. Failure of cryopreserved saphenous vein allografts following infrainguinal arterial reconstructions. 1993;18:533 (Abstract)
Imparato AM (*see* Gagne et al). 1993;18:991-1001
— — (*see* Gagne et al). 1993;18:328-9 (Abstract)
Intaglietta M (*see* Schmidt et al). 1993;18:207-15
Irizarry E (*see* Gandhi et al). 1993;18:814-20

J

Jacobowitz GR (*see* Gagne et al). 1993;18:991-1001
Jacobs DL, Seabrook GR, Freischlag JA, Towne JB. The current role of profundaplasty in complex peripheral arterial reconstruction. 1993;18:534-5 (Abstract)
Jacobs MJHM, Reul GJ, Gregoric ID, Ubbink DTh, Tordoir JHM, Kitslaar PJEHM, Reneman RS. Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures. 1993;18:1-9
James DR (*see* Walker et al). 1993;18:561-9
Janheimer EC (*see* Brigham and Janheimer). 1993;18:320 (Abstract)
Jeffrey RB (*see* Rubin et al). 1993;18:656-65
Jenkins JM (*see* Edwards et al). 1993;18:470-6
Jerome SN (*see* Korthuis and Jerome). 1993;18:114-7 (Special comm.)
Jewell ER (*see* Svensson et al). 1993;18:541-2 (Abstract)
Johansen KH. Principles of trauma surgery. 1993;18:144-5 (Book rev)
— —. Problems in general surgery: portal hypertension (vol. 9, no. 3). 1993;18:1079-80 (Book rev)
Johnson G Jr. The AVF, FDA, AMA, AAMC, ACCME, and CME. 1993;18:731-3
— — (*see* Criado et al). 1993;18:495-505
Johnson WC, Hobson RW II, Weiss DG, Song IS. Onset of neurologic symptoms in patients with an asymptomatic significant carotid stenosis: correlation with the severity of the stenosis. 1993;18:541 (Abstract)
Jones J (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Jonsson K (*see* Weibull et al). 1993;18:841-52
Jorgensen JO, Hanel KC, Morgan AM, Hunt JM. The incidence of deep venous thrombosis in patients with superficial thrombophlebitis of the lower limbs. 1993;18:70-3
Joseph AE (*see* Bomalaski et al). 1993;18:1064-8 (Case rep)
Josephs LG (*see* Gardner et al). 1993;18:321-2 (Abstract)
Jozefiak E (*see* Wilkerson et al). 1993;18:322-3 (Abstract)
Juleff RS (*see* Bendick et al). 1993;18:530 (Abstract)

K

Kadell AM (*see* DeLucia et al). 1993;18:49-60
Kahn M (*see* Dardik et al). 1993;18:318-9 (Abstract)
— — (*see* Wasserman et al). 1993;18:320-1 (Abstract)
Kaiser AB (*see* Edwards et al). 1993;18:470-6
Kane J (*see* Shah et al). 1993;18:965-71
Kaplan A (*see* Saad et al). 1993;18:587-95
Kaplan S (*see* Saad et al). 1993;18:587-95
Katz DA (*see* Cronenwett and Katz). 1993;18:538-9 (Abstract)
Katz DJ, Zelenock GB, Stanley JC. Surgical mortality for intact and ruptured abdominal aortic aneurysms: a 10-year statewide experience. 1993;18:527 (Abstract)
Katz ML (*see* Aldridge et al). 1993;18:708-15 (Case rep)
Katzen JT (*see* Hasaniya and Katzen). 1993;18:295-8 (Case rep)
Kazmier FJ (*see* Hollier et al). 1993;18:477-85
Keagy BA. "Redo" vascular surgery: renal aorto-iliac and infrainguinal areas. 1993;18:1079 (Book rev)
— — (*see* Criado et al). 1993;18:495-505
Keen RR, Nolan KD, Cipollone M, Scott E, Shively VP, Yao JST, Pearce WH. Guthrie award winner: interleukin-1β induces differential gene expression in aortic smooth muscle cells which promotes aneurysm formation. 1993;18:527 (Abstract)
Keenen TL. Lumbar spinal stenosis. 1993;18:142-3 (Book rev)
Keller MP (*see* Humphrey et al). 1993;18:95-9 (Case rep.)
Kelley H (*see* Kelley-Patteson et al). 1993;18:261-5
Kelley-Patteson C, Ammar AD, Kelley H. Should the Cell Saver

Autotransfusion Device be used routinely in all infrarenal abdominal aortic bypass operations? 1993;18:261-5
Kelly H (*see* Bandyk et al). 1993;18:398-406
Kempczinski RF (*see* Akers et al). 1993;18:10-5
-- (*see* Blebea et al). 1993;18:531 (Abstract)
Kempezinski RR (*see* Fowl et al). 1993;18:532 (Abstract)
Kennedy C (*see* Arora et al). 1993;18:767-72
Kent C. Principles of critical care. 1993;18:143-4 (Book rev)
Kent KC, Moscucci M, Gallagher SG, DiMattia ST, Skillman JJ. Neuropathy following femoral artery catheterization, incidence, clinical patterns, and long-term outcome. 1993;18:542 (Abstract)
Kiell CS (*see* Nypaver et al). 1993;18:821-6
Kim H (*see* Wilkerson et al). 1993;18:932-8
-- (*see* Wilkerson et al). 1993;18:322-3 (Abstract)
Kinney EV (*see* Bandyk et al). 1993;18:398-406
Kirwin J (*see* Ascer et al). 1993;18:234-41
Kitslaar PJEHM (*see* Jacobs et al). 1993;18:1-9
Klein P (*see* Schweiger et al). 1993;18:867-74
Knight DG (*see* Welch et al). 1993;18:858-66
Knighton DR (*see* Santilli et al). 1993;18:227-33
Koch AE (*see* Davis et al). 1993;18:875-80
Kohler TR (*see* Dawson et al). 1993;18:673-83
Korman LY (*see* Sidawy et al). 1993;18:947-53
-- (*see* Sidawy et al). 1993;18:324 (Abstract)
Korthuis RJ, Jerome SN. Role of neutrophils in the pathogenesis of microvascular dysfunction in postischemic skeletal muscle. 1993;18:114-7 (Special comm.)
Koustas GS (*see* Baker et al). 1993;18:528 (Abstract)
Krajewski LP (*see* Tabbara et al). 1993;18:531-2 (Abstract)
Kresowik TF (*see* Chalmers et al). 1993;18:325 (Abstract)
-- (*see* Sharp et al). 1993;18:533-4 (Abstract)
Kron IL (*see* Scibel et al). 1993;18:153-60
Krumholz H (*see* Gusberg et al). 1993;18:542 (Abstract)
Krupski WC. Circulating and tissue endothelin immunoreactivity in advanced atherosclerosis. 1993;18:729 (Abstract)
--, Layug EL, Reilly LM, Rapp JH, Mangano DT. Comparison of cardiac morbidity rates between aortic and infrainguinal operations: two-year follow-up. 1993;18:609-17
Kukielka GL (*see* Entman et al). 1993;18:108-11 (Special comm.)
Kurgan A, Nunnelee JD, Auer AI. Penetration of the wall of an abdominal aortic aneurysm by a Greenfield filter prong: a late complication. 1993;18:303-6 (Case rep)

L

Lacey K (*see* Arora et al). 1993;18:317 (Abstract)
-- (*see* Gusberg et al). 1993;18:542 (Abstract)
Lachat M (*see* Baitella-Eberle et al). 1993;18:1019-28
Ladd AP (*see* Cikrit et al). 1993;18:525 (Abstract)
Lalka SG. Atlas of venous surgery. 1993;18:332-3 (Book rev)
-- (*see* Cikrit et al). 1993;18:525 (Abstract)
Lam DJK (*see* Arora et al). 1993;18:767-72
LaMorte W (*see* Gardner et al). 1993;18:808-13
Lamparello PJ, Pisters PWT, Cabrera RC. Carotid subclavian bypass for internal mammary coronary arterial graft steal. 1993;18:320 (Abstract)
-- (*see* Gagne et al). 1993;18:991-1001
-- (*see* Gagne et al). 1993;18:328-9 (Abstract)
LaMuraglia GM (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
-- (*see* Watson et al). 1993;18:537 (Abstract)
Landis R (*see* Gagne et al). 1993;18:328-9 (Abstract)
Lane I (*see* Fligelstone et al). 1993;18:836-40
Lang W (*see* Schweiger et al). 1993;18:867-74
Langan EM III, Youkey JR, Franklin DP, Elmore JR, Costello JM Jr, Nassef LA. Dobutamine stress echocardiography for cardiac risk assessment prior to aortic surgery. 1993;18:316 (Abstract)
--, --, --, --, Costello JM, Nassef LA. Dobutamine stress echocardiography for cardiac risk assessment before aortic surgery. 1993;18:905-13
Layug EL (*see* Krupski et al). 1993;18:609-17
Leand PM (*see* Buchbinder et al). 1993;18:322 (Abstract)
Leather R (*see* DeWeese et al). 1993;18:280-94 (Special article)
-- (*see* Shah et al). 1993;18:543 (Abstract)
Lee BC (*see* Teehan et al). 1993;18:318 (Abstract)
Lefer AM. Endothelial adhesion molecules and myocardial ischemia-reperfusion injury. 1993;18:121-3 (Special comm.)
Legemat DA (*see* van der Heijden et al). 1993;18:271-9
Leiberman MD (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Leoni P, Gupta SK, Murabito J, Levy D, Castelli W. Comparison of the natural history of intermittent claudication in males and females participating in The Framingham Heart Study. 1993; 18:537-8 (Abstract)
Levesque H, Cailleux N, Courtois H, Clavier E, Milon P, Benozio M. Idiopathic saccular aneurysm of the inferior vena cava: a new case. 1993;18:544-5 (Letter)
Levin PM (*see* Wagner et al). 1993;18:637-47
Levy D (*see* Leoni et al). 1993;18:537-8 (Abstract)
Li W (*see* Gerritsen et al). 1993;18:31-40
Lim RC (*see* Farmer et al). 1993;18:570-6
L'Italien G (*see* Gertler et al). 1993;18:939-46
-- (*see* Gertler et al). 1993;18:323 (Abstract)
-- (*see* Petersen et al). 1993;18:955-64
-- (*see* Petersen et al). 1993;18:324 (Abstract)
Littooy FN (*see* Baker et al). 1993;18:528 (Abstract)
Liu Y (*see* Sirén et al). 1993;18:125-7 (Special comm.)
LoGerfo FW. The crisis in clinical research: overcoming institutional obstacles. 1993;18:1080-1 (Book rev)
-- (*see* Ozaki et al). 1993;18:486-94
London NJM (*see* Payne et al). 1993;18:139-40 (Letter)
Longenecker L (*see* Allen et al). 1993;18:424-32
Lord RSA. CRC handbook of carotid artery surgery: facts and figures. 1993;18:333 (Book rev)
Lowe B (*see* Iliopoulos et al). 1993;18:533 (Abstract)
Lowell RC, Gloviczki P, Miller VM. In reference to "In vitro evaluation of endothelial and smooth muscle function of primary varicose veins." 1993;18:138-9 (Letter reply)
Lucchesi BR. Complement, neutrophils, and free radicals in myocardial reperfusion injury. 1993;18:106-7 (Special comm.)
Lugt AVD (*see* Gerritsen et al). 1993;18:31-40
Lumsden AB (*see* Allen et al). 1993;18:424-32
Luterman A (*see* McNeil et al). 1993;18:1060-3 (Case rep)
Lynch TG (*see* Baxter et al). 1993;18:526-7 (Abstract)
Lynn R (*see* Rivers et al). 1993;18:391-7

M

Mackey WC. Phlebography as the gold standard in thromboprophylactic studies? 1993;18:896 (Abstract)
-- (*see* Raftery et al). 1993;18:536 (Abstract)
-- (*see* Welch et al). 1993;18:327-8 (Abstract)
Madson DL (*see* Ciocca et al). 1993;18:321 (Abstract)
Magee JC (*see* Oldham et al). 1993;18:136-7 (Special comm.)
Magnant JG (*see* Zwolak et al). 1993;18:541 (Abstract)
Makhoul RG, Moore WS, Colburn MD, Quiñones-Baldrich WJ, Vescera CL. Benefit of carotid endarterectomy after prior stroke. 1993;18:666-72
Mangano DT (*see* Krupski et al). 1993;18:609-17
Mangione S (*see* Shah et al). 1993;18:965-71
Manhem P (*see* Weibull et al). 1993;18:841-52
Mannick JA (*see* Clair et al). 1993;18:539 (Abstract)
-- (*see* Donaldson et al). 1993;18:41-8
Manson PM (*see* Perler et al). 1993;18:358-65
Manzo RA (*see* Meissner et al). 1993;18:596-608
Marcoe KF (*see* Saad et al). 1993;18:587-95
Marin ML, Gordon RE, Veith FJ, Tulchin N, Panetta TF. Distribution of c-*myc* oncoprotein in healthy and atherosclerotic human carotid arteries. 1993;18:170-7
--, Veith FJ, Panetta TF, Cynamon J, Barone H, Schonholz C, Parodi JC. Percutaneous transfemoral insertion of a stented

graft to repair a traumatic femoral arteriovenous fistula. 1993;18:299-302 (Case rep)
— —, — —, Gordon RE, Wengerter KR, Suggs WD, Sanchez L, Parides MK. Saphenous vein biopsy: a predictor of vein graft failure. 1993;18:407-15
— — (*see* Sales et al). 1993;18:199-206
— — (*see* Sanchez et al). 1993;18:981-90
— — (*see* Sanchez et al). 1993;18:326-7 (Abstract)
Markel A (*see* Meissner et al). 1993;18:596-608
Martin JD (*see* Valentine et al). 1993;18:433-40
Martin RS III (*see* Edwards et al). 1993;18:470-6
— — (*see* Tapper et al). 1993;18:372-80
Martinasevic M (*see* Sharp et al). 1993;18:533-4 (Abstract)
Matano R (*see* Gennaro et al). 1993;18:320 (Abstract)
Mattos MA (*see* Faught et al). 1993;18:512-24
— — (*see* Faught et al). 1993;18:527-8 (Abstract)
— — (*see* van Bemmelen et al). 1993;18:796-807
May J, White G, Waugh R, Yu W, Harris J. Transluminal placement of a prosthetic graft-stent device for treatment of subclavian artery aneurysm. 1993;18:1056-9
McCarron RM (*see* Sirén et al). 1993;18:125-7 (Special comm.)
McCarthy WJ (*see* Nolan et al). 1993;18:534 (Abstract)
McCready RA (*see* Fehrenbacher et al). 1993;18:366-71
McDonnell CH (*see* Rubin et al). 1993;18:656-65
McFadden PM (*see* Walker et al). 1993;18:561-9
McGee GS (*see* McNeil et al). 1993;18:1060-3 (Case rep)
McIntyre KE. Deficiency of calcitonin gene-related peptide in Raynaud's phenomenon. 1993;18:151-2 (Abstract)
— —. Leiomyosarcoma of the inferior vena cava—experience with 7 patients and literature review. 1993;18:149 (Abstract)
— —. Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy. 1993;18:896-7 (Abstract)
McLaren JT (*see* Brown and McLaren). 1993;18:536-7 (Abstract)
McManus BM (*see* Baxter et al). 1993;18:526-7 (Abstract)
McNamara TO. Peripheral vascular imaging and intervention. 1993;18:720-1 (Book rev)
McNeil JW, Thomas WO III, Luterman A, McGee GS. Penetrating thermal vascular injury in a child: a case report. 1993;18:1060-3 (Case rep)
McPharlin M (*see* Nypaver et al). 1993;18:821-6
Megerman J, Hamilton G, Schmitz-Rixen T, Abbott WM. Compliance of vascular anastomoses with polybutester and polypropylene sutures. 1993;18:827-34
Mehigan JT (*see* Walker et al). 1993;18:561-9
Meier GH (*see* Arora et al). 1993;18:767-72
— — (*see* Arora et al). 1993;18:317 (Abstract)
— — (*see* Gusberg et al). 1993;18:542 (Abstract)
Meissner MH, Manzo RA, Bergelin RO, Markel A, Strandness DE Jr. Deep venous insufficiency: the relationship between lysis and subsequent reflux. 1993;18:596-608
Melnick CF (*see* Buchbinder et al). 1993;18:322 (Abstract)
Menzoian JO (*see* Gardner et al). 1993;18:808-13
— — (*see* Gardner et al). 1993;18:321-2 (Abstract)
Messina LM. Intensive care medicine, 2nd edition. 1993;18:145 (Book rev)
— —. Risk factors for the neurologic complications associated with aortic aneurysms. 1993;18:897 (Abstract)
— —. Thrombus regression in deep venous thrombosis. 1993;18:1085-6 (Abstract)
Milazzo V (*see* Duran et al). 1993;18:113-4 (Special comm.)
— — (*see* Teehan et al). 1993;18:318 (Abstract)
Miller DC (*see* Rubin et al). 1993;18:656-65
— — (*see* Walker et al). 1993;18:1042-51
Miller GL (*see* Valentine et al). 1993;18:433-40
Miller JH. Regarding "Use of antibiotic-bonded graft for in situ reconstruction after prosthetic graft infections." 1993;18:1075-6 (Letter)
Miller VM, Bergman RT, Gloviczki P, Brockbank KGM. Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function. 1993;18:216-26
— — (*see* Lowell et al). 1993;18:138-9 (Letter reply)
Mills JL, Taylor SM, Fujitani RM. The role of the deep femoral artery as an inflow site for infrainguinal revascularization. 1993;18:416-23
— — (*see* Bomalaski et al). 1993;18:1064-8 (Case rep)
Milon P (*see* Levesque et al). 1993;18:544-5 (Letter)
Minion DJ (*see* Baxter et al). 1993;18:526-7 (Abstract)
Mintzer R (*see* Gagne et al). 1993;18:991-1001
Mitchell M (*see* Banerjee et al). 1993;18:123-5 (Special comm.)
Mitchell RS. Clinical transesophageal echocardiography. 1993;18:549-50 (Book rev)
— — (*see* Rubin et al). 1993;18:656-65
— — (*see* Walker et al). 1993;18:561-9
— — (*see* Walker et al). 1993;18:1042-51
Mockin SC. The NHLBI programs of excellence in molecular biology. 1993;18:102 (Special comm.)
Mody S (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Mohan C (*see* Ascer et al). 1993;18:234-41
— — (*see* Gennaro et al). 1993;18:320 (Abstract)
Mohr JD (*see* Bunt and Mohr). 1993;18:332 (Book rev)
Moncure AC (*see* Watson et al). 1993;18:537 (Abstract)
Moneta GL. Diagnostic vascular ultrasound. 1993;18:146 (Book rev)
— — (*see* Harris et al). 1993;18:627-36
— — (*see* Nehler et al). 1993;18:618-26
— — (*see* Nehler et al). 1993;18:783-8
— — (*see* Park et al). 1993;18:61-9
Money SR (*see* Hollier et al). 1993;18:477-85
— — (*see* Wisselink et al). 1993;18:525-6 (Abstract)
Moore WS. Regarding "Use of antibiotic-bonded graft for in situ reconstruction after prosthetic graft infections." 1993;18:1076-7 (Letter reply)
— — (*see* Makhoul et al). 1993;18:666-72
Morgan AM (*see* Jorgensen et al). 1993;18:70-3
Moscucci M (*see* Kent et al). 1993;18:542 (Abstract)
Motta JC (*see* Suggs et al). 1993;18:349-57
Mulcare RJ (*see* Gandhi et al). 1993;18:814-20
Mulherin JL Jr (*see* Edwards et al). 1993;18:470-6
Mulherin JL (*see* Tapper et al). 1993;18:372-80
Müller-Glauser W (*see* Baitella-Eberle et al). 1993;18:1019-28
Murabito J (*see* Leoni et al). 1993;18:537-8 (Abstract)
Murphy TJ (*see* Nolan et al). 1993;18:534 (Abstract)
Murray SP (*see* Stoney and Murray). 1993;18:722 (Book rev)
Myers SI. Regulation of splanchnic blood flow following hemorrhage/reperfusion injury. 1993;18:117-20 (Special comm.)
— — (*see* Bowers et al). 1993;18:506-11
— — (*see* Valentine et al). 1993;18:433-40
Mysh D (*see* Castronuovo et al). 1993;18:323-4 (Abstract)

N

Nackman GB (*see* Gandhi et al). 1993;18:814-20
Naessens JM (*see* Cambria et al). 1993;18:773-82
— — (*see* Hallett et al). 1993;18:684-91
Napel S (*see* Rubin et al). 1993;18:656-65
Nassef LA (*see* Langan et al). 1993;18:905-13
— — (*see* Langan et al). 1993;18:316 (Abstract)
Natuzzi ES (*see* Thompson et al). 1993;18:310-5 (Case rep)
Needleman L (*see* Feld et al). 1993;18:141 (Letter reply)
Negus D (*see* Arora et al). 1993;18:767-72
Nehler MR, Moneta GL, Edwards JM, Yeager RA, Taylor LM Jr, Porter JM. Surgery for chronic lower extremity ischemia in patients eighty or more years of age: operative results and assessment of postoperative independence. 1993;18:618-26
— —, — —, Woodard DM, Defrang RD, Harker CT, Taylor LM Jr, Porter JM. Perimalleolar subcutaneous tissue pressure effects of elastic compression stockings. 1993;18:783-8
Neudecker A (*see* Baitella-Eberle et al). 1993;18:1019-28

Neumyer MM (*see* Healy et al). 1993;18:316-7 (Abstract)
— — (*see* Schina et al). 1993;18:749-52
Neville RF (*see* Sidawy et al). 1993;18:947-53
— — (*see* Sidawy et al). 1993;18:324 (Abstract)
Nguyen JH (*see* Wisselink et al). 1993;18:525-6 (Abstract)
Nichol BJ (*see* DeLucia et al). 1993;18:49-60
Noether MG (*see* Hertzer and Noether). 1993;18:692-701
Nolan KD, Benjamin ME, Murphy TJ, Pearce WH, McCarthy WJ, Yao JST, Flinn WR. Femorofemoral bypass for aortofemoral graft limb occlusion: a ten-year experience. 1993;18:534 (Abstract)
— — (*see* Keen et al). 1993;18:527 (Abstract)
Novick A (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Nunnelee JD (*see* Kurgan et al). 1993;18:303-6 (Case rep)
Nypaver TJ, Shepard AD, Kiell CS, McPharlin M, Fenn N, Ernst CB. Outpatient duplex scanning for deep vein thrombosis: parameters predictive of a negative study result. 1993;18:821-6

O

Oblath RW (*see* Harris et al). 1993;18:553-60
O'Brien MS (*see* Ricotta et al). 1993;18:328 (Abstract)
Ocasio VH (*see* Gertler and Ocasio). 1993;18:178-84
O'Donnell TF Jr (*see* Iafrati et al). 1993;18:539 (Abstract)
— — (*see* Welch et al). 1993;18:327-8 (Abstract)
O'Donnell TF (*see* Raftery et al). 1993;18:536 (Abstract)
O'Hara P. Carotid endarterectomy and the prevention of cerebral ischemia in symptomatic carotid stenosis. 1993;18:897-8 (Abstract)
— — (*see* Olin et al). 1993;18:1037-41
— — (*see* Tabbara et al). 1993;18:531-2 (Abstract)
Oldham KT, Guice KS, Magee JC, Turnage RH, Gerkin T. The systemic consequences of intestinal ischemia/reperfusion injury. 1993;18:136-7 (Special comm.)
Olin JW, Graor RA, O'Hara P, Young JR. The incidence of deep venous thrombosis in patients undergoing abdominal aortic aneurysm resection. 1993;18:1037-41
Orkin R (*see* Gertler et al). 1993;18:939-46
— — (*see* Gertler et al). 1993;18:323 (Abstract)
— — (*see* Petersen et al). 1993;18:955-64
— — (*see* Petersen et al). 1993;18:324 (Abstract)
Ose KJ (*see* Fowl et al). 1993;18:532 (Abstract)
Ouriel K. Intraluminal bypass of abdominal aortic aneurysm: feasibility study. 1993;18:1088 (Abstract)
— —, Shortell CK, Green RM, DeWeese JA. Intraoperative autotransfusion in aortic surgery. 1993;18:16-22
— — (*see* Chuter et al). 1993;18:185-97
— — (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Owen RS (*see* Carpenter et al). 1993;18:734-41
— — (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Ozaki CK, Phaneuf MD, Hong SL, Quist WC, LoGerfo FW. Glycoconjugate mediated endothelial cell adhesion to Dacron polyester film. 1993;18:486-94

P

Padberg FT Jr, Smith SM, Eng RHK. Accuracy of disincorporation for identification of vascular graft infection. 1993;18:327 (Abstract)
— — (*see* Araki et al). 1993;18:742-8
— — (*see* Teehan et al). 1993;18:318 (Abstract)
Pairolero PC (*see* Stone et al). 1993;18:525 (Abstract)
Palascak JE (*see* Fowl et al). 1993;18:532 (Abstract)
Pan X-M, Staprans I, Read TE, Rapp JH. Cigarette smoke alters chylomicron metabolism in rats. 1993;18:161-69
Panetta TF (*see* Marin et al). 1993;18:170-7
— — (*see* Marin et al). 1993;18:407-15
— — (*see* Marin et al). 1993;18:299-302 (Case rep)
— — (*see* Sales et al). 1993;18:199-206
— — (*see* Sanchez et al). 1993;18:981-90
— — (*see* Sanchez et al). 1993;18:326-7 (Abstract)
Parent FN III (*see* Feinberg et al). 1993;18:889-94 (Case rep)
Parides MK (*see* Marin et al). 1993;18:407-15
Park TC, Harker CT, Edwards JM, Moneta GL, Taylor LM Jr, Porter JM. Human saphenous vein grafts explanted from the arterial circulation demonstrate altered smooth-muscle and endothelial responses. 1993;18:61-9
Parodi JC (*see* Marin et al). 1993;18:299-302 (Case rep)
Parsonnet V (*see* Shoenfeld et al). 1993;18:318 (Abstract)
Patel KR, Chan FA, Clauss RH. Functional foot salvage after extensive plantar excision and amputations proximal to the standard transmetatarsal level. 1993;18:1030-6
Payne SPK, Thrush AJ, London NJM, Bell PRF, Barrie WW. With regard to "The role of air plethysmography in monitoring results of venous surgery." 1993;18:139-40 (Letter)
Pearce WH (*see* Davis et al). 1993;18:875-80
— — (*see* Keen et al). 1993;18:527 (Abstract)
— — (*see* Nolan et al). 1993;18:534 (Abstract)
Pedersen H (*see* Arora et al). 1993;18:317 (Abstract)
Perler BA. Connective tissue proteinases and inhibitors in abdominal aortic aneurysms. 1993;18:898 (Abstract)
— —, Vander Kolk CA, Manson PM, Williams GM. Rotational muscle flaps to treat localized prosthetic graft infection: long-term follow-up. 1993;18:358-65
Perloff LJ (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Perry L (*see* Gertler et al). 1993;18:939-46
— — (*see* Gertler et al). 1993;18:323 (Abstract)
Perry MO. Ischemia/reperfusion syndromes: clinical relevance. 1993;18:102-4 (Special comm.)
— —. Regarding: "Complications of missed arterial injuries." 1993;18:1078 (Letter reply)
Petersen MJ, H'Doubler PB, L'Italien GJ, Hoppel BE, Rosen BR, Orkin RW, Abbott WM. Hemodynamics and aneurysm development in vascular allografts. 1993;18:324 (Abstract)
— —, Abbott WM, H'Doubler PB Jr, L'Italien GJ, Hoppel BE, Rosen BR, Fallon JT, Orkin RW. Hemodynamics and aneurysm development in vascular allografts. 1993;18:955-64
— — (*see* Blankensteijn et al). 1993;18:540-1 (Abstract)
Phaneuf MD (*see* Ozaki et al). 1993;18:486-94
Phifer T (*see* DeLaria et al). 1993;18:577-86
Pierce GE (*see* Iliopoulos et al). 1993;18:533 (Abstract)
Pieterman H (*see* Gerritsen et al). 1993;18:31-40
Pilcher DB (*see* Slaiby et al). 1993;18:540 (Abstract)
Piotrowski JJ (*see* Baele et al). 1993;18:532 (Abstract)
Pisters PWT, Heslin MJ, Riles TS. Abdominal aortic pseudoaneurysm after blunt trauma. 1993;18:307-9 (Case rep)
— — (*see* Lamparello et al). 1993;18:320 (Abstract)
Pittman JN (*see* Fehrenbacher et al). 1993;18:366-71
Porter JM. Editorial. 1993;18:100-1 (Editorial)
— — (*see* DeWeese et al). 1993;18:280-94 (Special article)
— — (*see* Harris et al). 1993;18:627-36
— — (*see* Nehler et al). 1993;18:618-26
— — (*see* Nehler et al). 1993;18:783-8
— — (*see* Park et al). 1993;18:61-9
Powell RJ, Walsh DB, Henderson EL, Cronenwett JL. Superficial femoral artery stenoses: characteristics of progressing lesions. 1993;18:326 (Abstract)
Primozich JF. Peripheral vascular sonography: a practical guide. 1993;18:721-2 (Book rev)
Proctor MC (*see* Greenfield et al). 1993;18:450-8
Pugh N (*see* Fligelstone et al). 1993;18:836-40

Q

Quijano RC (*see* DeLaria et al). 1993;18:577-86
Quiñones-Baldrich WJ. Bypass of superior vena cava. 1993;18:148-9 (Abstract)
— — (*see* Makhoul et al). 1993;18:666-72
Quist WC (*see* Ozaki et al). 1993;18:486-94

R

Raftery KB, Belkin M, Mackey WC, O'Donnell TF. Are peroneal

artery bypass grafts hemodynamically inferior to other tibial artery bypass grafts? 1993;18:536 (Abstract)
Raju S (*see* Brantley et al). 1993;18:242-8
Ramsey DE (*see* Faught et al). 1993;18:512-24
— — (*see* van Bemmelen et al). 1993;18:796-807
Ranval TJ (*see* Bendick et al). 1993;18:530 (Abstract)
Rapp JH. Inhibition of neointimal smooth muscle accumulation after angioplasty by an antibody to PDGF. 1993;18:898-9 (Abstract)
— — (*see* Ciresi et al). 1993;18:648-55
— — (*see* Krupski et al). 1993;18:609-17
— — (*see* Pan et al). 1993;18:161-69
Raviola C (*see* Calligaro et al). 1993;18:914-21
— — (*see* Calligaro et al). 1993;18:317-8 (Abstract)
Read TE (*see* Pan et al). 1993;18:161-69
Reading G (*see* Serletti et al). 1993;18:972-80
— — (*see* Serletti et al). 1993;18:325-6 (Abstract)
Reames MK (*see* Schwarcz et al). 1993;18:530 (Abstract)
Reavis SW (*see* Hudspeth et al). 1993;18:381-90
Reddy DJ (*see* Tynall et al). 1993;18:535 (Abstract)
Reichman WB (*see* Buchbinder et al). 1993;18:322 (Abstract)
Reid JDS (*see* Sladen et al). 1993;18:1071-3
Reilly JM (*see* Tilson et al). 1993;18:266-70
Reilly LM (*see* Ciresi et al). 1993;18:648-55
— — (*see* Farmer et al). 1993;18:570-6
— — (*see* Krupski et al). 1993;18:609-17
Reneman RS (*see* Jacobs et al). 1993;18:1-9
Reul GJ (*see* Jacobs et al). 1993;18:1-9
Ricci MA (*see* Slaiby et al). 1993;18:540 (Abstract)
Ricco J-B. Analysis of risk factors for surgical wound infections following vascular surgery. 1993;18:1086-7 (Abstract)
— —. Prevention of deep vein thrombosis after elective hip surgery. A randomized trial comparing low molecular weight heparin with standard unfractionated heparin. 1993;18:899-900 (Abstract)
Rich JM (*see* Gardner et al). 1993;18:321-2 (Abstract)
Richardson JB (*see* Buchbinder et al). 1993;18:322 (Abstract)
Ricotta J (*see* Watase et al). 1993;18:538 (Abstract)
Ricotta JJ. Combined thoracic aortic dissection and abdominal aortic fusiform aneurysm. 1993;18:551-2 (Abstract)
— —. Swedish aspirin low-dose trial (SALT) of 75 mg aspirin as secondary prophylaxis after cerebral ischaemic events. 1993;18:551 (Abstract)
— —, O'Brien MS, DeWeese JA. Carotid endarterectomy for nonhemispheric ischemia: long-term follow-up. 1993;18:328 (Abstract)
— — (*see* Shah et al). 1993;18:965-71
— — (*see* Shah et al). 1993;18:324-5 (Abstract)
Riefsnyder TI (*see* Bandyk et al). 1993;18:398-406
Rigdon EE (*see* Brantley et al). 1993;18:242-8
Riles TS. Arterial baroreflex sensitivity and blood pressure variabilities before and after carotid surgery. 1993;18:1088 (Abstract)
— —. Management and treatment of benign cutaneous vascular lesions. 1993;18:549 (Book rev)
— — (*see* Gagne et al). 1993;18:991-1001
— — (*see* Gagne et al). 1993;18:328-9 (Abstract)
— — (*see* Pisters et al). 1993;18:307-9 (Case rep)
Rivers SP, Scher LA, Sheehan E, Lynn R, Veith FJ. Basilic vein transposition: an underused autologous alternative to prosthetic dialysis angioaccess. 1993;18:391-7
Roach AC (*see* Edwards et al). 1993;18:470-6
Robison JG (*see* Elliott et al). 1993;18:881-8
Rogers D (*see* Ascer et al). 1993;18:1012-8
Rosca M (*see* Gardner et al). 1993;18:321-2 (Abstract)
Rosen BR (*see* Petersen et al). 1993;18:955-64
— — (*see* Petersen et al). 1993;18:324 (Abstract)
Rosenthal D. The use of angioplasty, bypass surgery, and amputation in the management of peripheral vascular disease. 1993;18:552 (Abstract)
Ross LH (*see* Buchbinder et al). 1993;18:322 (Abstract)
Rossen RD (*see* Entman et al). 1993;18:108-11 (Special comm.)
Roumen RMH, Frieling JTM, van Tits HWHJ, van der Vliet JA, Goris RJA. Endotoxemia after major vascular operations. 1993;18:853-7
Roy J (*see* DeLaria et al). 1993;18:577-86
Rubin BG (*see* Allen et al). 1993;18:528-9 (Abstract)
Rubin GD, Walker PJ, Dake MD, Napel S, Jeffrey RB, McDonnell CH, Mitchell RS, Miller DC. Three-dimensional spiral computed tomographic angiography: an alternative imaging modality for the abdominal aorta and its branches. 1993;18:656-65
Ruckley CV (*see* Bradbury and Ruckley). 1993;18:789-95

S

Saad EM, Kaplan S, El-Massry S, Kaplan A, Marcoe KF, Zammit M, Fisher LD, Sauvage LR. Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts. 1993;18:587-95
Safi HJ (*see* Svensson et al). 1993;18:541-2 (Abstract)
Sago AL (*see* Bomalaski et al). 1993;18:1064-8 (Case rep)
Salam AA (*see* Suggs et al). 1993;18:349-57
Sales CM, Marin ML, Veith FJ, Suggs WD, Panetta TF, Wengerter KR, Gordon RE. Saphenous vein angioscopy: a valuable method to detect unsuspected venous disease. 1993;18:199-206
Salles-Cunha S (*see* Harris et al). 1993;18:553-60
Sanchez L, Suggs WD, Veith FJ, Marin ML, Panetta TF, Wengerter KR. Is surveillance to detect failing PTFE bypasses worthwhile? Twelve-year experience with 126 failing PTFE grafts. 1993;18:326-7 (Abstract)
— —, — —, — —, — —, Wengerter KR, Panetta TF. Is surveillance to detect failing polytetrafluoroethylene bypasses worthwhile? Twelve-year experience with ninety-one grafts. 1993;18:981-90
— — (*see* Marin et al). 1993;18:407-15
Santilli SM, Fiegel VD, Knighton DR. Alloxan diabetes alters the rabbit transarterial wall oxygen gradient. 1993;18:227-33
Satiani B. Correlation of contralateral stenosis and intraoperative electro-encephalogram change with risk of stroke during carotid endarterectomy. 1993;18:1084-5 (Abstract)
— —. Effect of temperature on digital systolic pressures in lower limb in arterial disease. 1993;18:724 (Abstract)
Sauvage LR (*see* Saad et al). 1993;18:587-95
Savarese RP (*see* Calligaro et al). 1993;18:914-21
— — (*see* Calligaro et al). 1993;18:317-8 (Abstract)
Sawchuk AP (*see* Cikrit et al). 1993;18:525 (Abstract)
Sawhney A (*see* Castronuovo et al). 1993;18:323-4 (Abstract)
Sayers RD, Watt PAC, Thurston H, Bell PRF. In reference to "In vitro evaluation of endothelial and smooth muscle function of primary varicose veins." 1993;18:138 (Letter)
Scher LA (*see* Rivers et al). 1993;18:391-7
Schina MJ Jr, Neumyer MM, Healy DA, Atnip RG, Thiele BL. Influence of age on venous physiologic parameters. 1993;18:749-52
Schmidt JA, Borgström P, Firestone GP, von Wichert P, Intaglietta M, Fronek A. Periodic hemodynamics (flow motion) in peripheral arterial occlusive disease. 1993;18:207-15
Schmidt JD (*see* Weingarten et al). 1993;18:753-9
Schmitz-Rixen T (*see* Megerman et al). 1993;18:827-34
Schneider J (*see* Allen et al). 1993;18:424-32
— — (*see* Baitella-Eberle et al). 1993;18:1019-28
Schneider PA (*see* Harris et al). 1993;18:553-60
Schneider RE (*see* Buchbinder et al). 1993;18:322 (Abstract)
Schomaker WR (*see* Blebea et al). 1993;18:531 (Abstract)
Schonholz C (*see* Marin et al). 1993;18:299-302 (Case rep)
Schwarcz TH, Toursarkissian B, Endeen ED, Reames MK, Hyde GL. Upper extremity arterial embolism has an unfavorable prognosis. 1993;18:530 (Abstract)
Schwarten DE. Interventional radiology. 1993;18:143 (Book rev)
Schweiger H, Klein P, Lang W. Tibial bypass grafting for limb

salvage with ringed polytetrafluoroethylene prostheses: results of primary and secondary procedures. 1993;18:867-74
Scott E (*see* Keen et al). 1993;18:527 (Abstract)
Seabrook GR (*see* Jacobs et al). 1993;18:534-5 (Abstract)
Seacamp A (*see* Ward and Seacamp). 1993;18:111 (Special comm.)
Seeger JM. The prevalence of ulcerated plaques in the aortic arch in patients with stroke. 1993;18:724 (Abstract)
— — (*see* Harward et al). 1993;18:23-30
— — (*see* Harward et al). 1993;18:459-69
Seibel PS, Theodore P, Kron IL, Tribble CG. Regional adenosine attenuates postischemic spinal cord injury. 1993;18:153-60
Serletti J, Hurwitz S, Jones J, Herrera HR, Reading GP, Ouriel K, Green RM. Extension of limb salvage by combined vascular reconstruction and adjunctive free-tissue transfer. 1993;18:972-80
— —, — —, — —, Reading G, Herrera HR, Ouriel K, Green RM. Extension of limb salvage by adjunctive free tissue transfer. 1993;18:325-6 (Abstract)
Shah DM, Darling RC III, Chang BB, Leather RP. Carotid endarterectomies in awake patients: its safety, acceptability, and outcome. 1993;18:543 (Abstract)
Shah M (*see* Davis et al). 1993;18:875-80
Shah RM, Faggioli GL, Harris LM, Taheri S, Ricotta JJ. Cryopreserved saphenous vein allografts for infrainguinal bypass. 1993;18:324-5 (Abstract)
— —, — —, Mangione S, Harris LM, Kane J, Taheri SA, Ricotta JJ. Early results with cryopreserved saphenous vein allografts for infrainguinal bypass. 1993;18:965-71
Shami SK. Regarding "Venous ulcers and the superficial venous system." 1993;18:719 (Letter reply)
Shandall A (*see* Fligelstone et al). 1993;18:836-40
Sharp WJ, Hoballah JJ, Martinasevic M, Kresowik TF, Chalmers RTA, Corson JD. The management of the infected aortic prosthesis: a current ten-year experience. 1993;18:533-4 (Abstract)
— — (*see* Chalmers et al). 1993;18:325 (Abstract)
Sheehan C (*see* Wasserman et al). 1993;18:320-1 (Abstract)
Sheehan E (*see* Rivers et al). 1993;18:391-7
Shepard AD (*see* Nypaver et al). 1993;18:821-6
— — (*see* Tynall et al). 1993;18:535 (Abstract)
Shively VP (*see* Keen et al). 1993;18:527 (Abstract)
Shlansky-Goldberg R (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Shoenfeld R, Novick A, Brener B, Eisenbud D, Cordero P, Mody S, Parsonnet V, Freundlich R. Stenting of proximal venous obstructions to maintain hemodialysis access. 1993;18:318 (Abstract)
Shortell CK (*see* Ouriel et al). 1993;18:16-22
Sicard GA. Evidence implicating nonmuscle myosin in restenosis: use of in situ hybridization to analyze human vascular lesions obtained by directional atherectomy. 1993;18:724-5 (Abstract)
— — (*see* Allen et al). 1993;18:528-9 (Abstract)
Sidawy AN, Hakim F, Neville RF, Korman LY. Autoradiographic mapping and characterization of insulin-like growth factor-I receptor binding in human greater saphenous vein. 1993;18:947-53
— —, — —, — —, — —. Insulin-like growth factor-I receptors in human saphenous vein. 1993;18:324 (Abstract)
Siderys H (*see* Fehrenbacher et al). 1993;18:366-71
Silva MB Jr (*see* Benjamin et al). 1993;18:529 (Abstract)
Silver D (*see* Humphrey et al). 1993;18:95-9 (Case rep.)
Silvestri F (*see* Dardik et al). 1993;18:318-9 (Abstract)
Simper S (*see* Calligaro et al). 1993;18:914-21
— — (*see* Calligaro et al). 1993;18:317-8 (Abstract)
Sirén A-L, Liu Y, McCarron RM, Spatz M, Hallenbeck JM, Barone F, Feuerstein. Perivascular monocyte/macrophage interaction with endothelium as a mechanism through which stroke-risk factors operate to increase stroke likelihood. 1993;18:125-7 (Special comm.)
Sisley AC. Enterocyte alkaline phosphatase activity reflects the severity of intestinal reperfusion injury. 1993;18:530-1 (Abstract)
Skillman JJ (*see* Kent et al). 1993;18:542 (Abstract)
Sladen JG, Reid JDS, Harrison PB. Thrombolysis for occluded vein bypass grafts through surgical access. 1993;18:1071-3
Slaiby JM, Ricci MA, Gadowsky GR, Evans JN, Hendley ED, Pilcher DB. Growth of aortic aneurysms is reduced by propranolol in a hypertensive rat model. 1993;18:540 (Abstract)
Slootweg PJ (*see* Crolla et al). 1993;18:1052-5
Smith CW (*see* Entman et al). 1993;18:108-11 (Special comm.)
Smith RB III. Arthur B. Voorhees, Jr.: pioneer vascular surgeon. 1993;18:341-8
— — (*see* Allen et al). 1993;18:424-32
— — (*see* Suggs et al). 1993;18:349-57
Smith S (*see* Harward et al). 1993;18:23-30
Smith SM (*see* Padberg et al). 1993;18:327 (Abstract)
Smyth JV (*see* Welch et al). 1993;18:858-66
Snyder SO Jr (*see* Feinberg et al). 1993;18:889-94 (Case rep)
Song IS (*see* Johnson et al). 1993;18:541 (Abstract)
Sorrell K (*see* Feinberg et al). 1993;18:889-94 (Case rep)
Soulen M (*see* Carpenter et al). 1993;18:81-9 (Case rep.)
Spadone DP (*see* Humphrey et al). 1993;18:95-9 (Case rep.)
Spatz M (*see* Sirén et al). 1993;18:125-7 (Special comm.)
Stanley JC (*see* DeLucia et al). 1993;18:49-60
— — (*see* Katz et al). 1993;18:527 (Abstract)
Staprans I (*see* Pan et al). 1993;18:161-69
Starr SM (*see* Hudspeth et al). 1993;18:381-90
Steijling JJF (*see* van der Heijden et al). 1993;18:271-9
Steyling JF (*see* Crolla et al). 1993;18:1052-5
Stone WM, Cherry KJ Jr, Pairolero PC, Hallett JW Jr, Gloviczki P, Bower TC. Early postoperative occlusions of renal artery reconstructions: a review of management options. 1993;18:525 (Abstract)
Stoney RJ, Murray SP. Endovascular surgery, 2nd edition. 1993;18:722 (Book rev)
— — (*see* Thompson et al). 1993;18:310-5 (Case rep)
Strachan CJL, Avramovic J. In situ replacement of infected vascular prostheses with rifampin-soaked vascular grafts. 1993;18:1075 (Letter)
Strandness DE Jr (*see* Dawson et al). 1993;18:673-83
— — (*see* Hobson and Strandness). 1993;18:1069-70 (Editorial)
— — (*see* Meissner et al). 1993;18:596-608
Suggs WD, Smith RB III, Weintraub WS, Dodson TF, Salam AA, Motta JC. Selective screening for coronary artery disease in patients undergoing elective repair of abdominal aortic aneurysms. 1993;18:349-57
— — (*see* Marin et al). 1993;18:407-15
— — (*see* Sales et al). 1993;18:199-206
— — (*see* Sanchez et al). 1993;18:981-90
— — (*see* Sanchez et al). 1993;18:326-7 (Abstract)
Sumner DS. Biostatistics and epidemiology: a primer for health professionals. 1993;18:330 (Book rev)
— — (*see* Faught et al). 1993;18:512-24
— — (*see* Faught et al). 1993;18:527-8 (Abstract)
— — (*see* van Bemmelen et al). 1993;18:796-807
Sumpio BE (*see* Gusberg et al). 1993;18:542 (Abstract)
— — (*see* Watase et al). 1993;18:538 (Abstract)
Sussman B (*see* Dardik et al). 1993;18:318-9 (Abstract)
Svensson LG, Hess KR, Coselli JS, Safi HJ, Jewell ER. Influence of segmental intercostal or lumbar arteries on postoperative paraplegia after thoracoabdominal aortic operations. 1993;18:541-2 (Abstract)
Synn AY (*see* Chalmers et al). 1993;18:545-7 (Letter)
— — (*see* Chalmers et al). 1993;18:325 (Abstract)

T

Taams A (*see* Crolla et al). 1993;18:1052-5
Tabbara MR, O'Hara PJ, Hertzer NR, Krajewski LP, Beven EG. Surgical management of infected PTFE hemodialysis grafts: analysis of a 15-year experience. 1993;18:531-2 (Abstract)

Taheri S (*see* Shah et al). 1993;18:965-71
— — (*see* Shah et al). 1993;18:324-5 (Abstract)
Tapper S, Edwards WH, Edwards WH Jr, Mulherin JL, Martin RS III. Suprarenal aortic occlusion. 1993;18:372-80
— — (*see* Edwards et al). 1993;18:470-6
Taylor LM Jr. Hyperhomocyst(e)inaemia: an independent risk factor for intermittent claudication. 1993;18:1083-4 (Abstract)
— — Surgery of the arteries to the head. 1993;18:723 (Book rev)
— — (*see* Harris et al). 1993;18:627-36
— — (*see* Nehler et al). 1993;18:618-26
— — (*see* Nehler et al). 1993;18:783-8
— — (*see* Park et al). 1993;18:61-9
Taylor SM (*see* Mills et al). 1993;18:416-23
Teehan EP, Padberg FT Jr, Hobson RW II, Thompson PN, Lee BC, Milazzo V. Carotid arterial trauma: assessment with the Glasgow Coma Scale as a guide to surgical management. 1993;18:318 (Abstract)
Teitelbaum GP. Regarding "Endovascular surgery credentialing and training for vascular surgery." 1993;18:1073 (Letter)
The SHK (*see* Gerritsen et al). 1993;18:31-40
Theodore P (*see* Seibel et al). 1993;18:153-60
Theodorides T (*see* van der Heijden et al). 1993;18:271-9
Thiele BL (*see* Healy et al). 1993;18:316-7 (Abstract)
— — (*see* Schina et al). 1993;18:749-52
Thomas JH (*see* Iliopoulos et al). 1993;18:533 (Abstract)
Thomas WO III (*see* McNeil et al). 1993;18:1060-3 (Case rep)
Thompson PN (*see* Araki et al). 1993;18:742-8
— — (*see* Teehan et al). 1993;18:318 (Abstract)
Thompson RW, Yee LF, Natuzzi ES, Stoney RJ. Aorta left renal vein fistula syndrome caused by rupture of a juxtarenal abdominal aortic aneurysm: novel pathologic mechanism for a unique clinical entity. 1993;18:310-5 (Case rep)
— — (*see* Allen et al). 1993;18:528-9 (Abstract)
Thrush AJ (*see* Payne et al). 1993;18:139-40 (Letter)
Thurston H (*see* Sayers et al). 1993;18:138 (Letter)
Thyagarajan K (*see* DeLaria et al). 1993;18:577-86
Tilson MD, Reilly JM, Brophy CM, Webster EL, Barnett TR. Expression and sequence of the gene for tissue inhibitor of metalloproteinases in patients with abdominal aortic aneurysms. 1993;18:266-70
— — (*see* Gandhi et al). 1993;18:814-20
Tinsley EA Jr (*see* Criado et al). 1993;18:495-505
Tordoir JHM (*see* Jacobs et al). 1993;18:1-9
Toursarkissian B (*see* Schwarcz et al). 1993;18:530 (Abstract)
Towne JB (*see* Bandyk et al). 1993;18:398-406
— — (*see* Jacobs et al). 1993;18:534-5 (Abstract)
Treiman GS (*see* Wagner et al). 1993;18:637-47
Treiman RL (*see* Wagner et al). 1993;18:637-47
Tribble CG (*see* Seibel et al). 1993;18:153-60
Tu R (*see* DeLaria et al). 1993;18:577-86
Tulchin N (*see* Marin et al). 1993;18:170-7
Turina M (*see* Baitella-Eberle et al). 1993;18:1019-28
Turnage RH (*see* Oldham et al). 1993;18:136-7 (Special comm.)
Turnipseed WD. Prognostic factors in acute renal failure following aortic aneurysm surgery. 1993;18:725-6 (Abstract)
Tynall SH, Shepard AD, Wilczweski J, Reddy DJ, Elliott JP Jr, Ernst CB. Groin lymphatic complications following arterial reconstruction. 1993;18:535 (Abstract)

U

Ubbink DTh (*see* Jacobs et al). 1993;18:1-9

V

VA Cooperative Study 165 Group (*see* Cohen et al). 1993;18:1002-11
Valentine RJ, Clagett GP, Miller GL, Myers SI, Martin JD, Chervu A. The coronary risk of unsuspected renal artery stenosis. 1993;18:433-40
— — (*see* Bowers et al). 1993;18:506-11
van Bemmelen PS, Mattos MA, Hodgson KJ, Barkmeier LD, Ramsey DE, Faught WE, Sumner DS. Does air plethysmography correlate with duplex scanning in patients with chronic venous insufficiency. 1993;18:796-807
— — (*see* Faught et al). 1993;18:512-24
— — (*see* Faught et al). 1993;18:527-8 (Abstract)
van Bockel JH (*see* Dawson et al). 1993;18:249-60
van der Graaf Y (*see* van der Heijden et al). 1993;18:271-9
van der Heijden FHWM, Eikelboom BC, van Reedt Dortland RWH, van der Graaf Y, Steijling JJF, Legemat DA, Theodorides T, van Vroonhoven TJMV. Long-term results of semiclosed endarterectomy of the superficial femoral artery and the outcome of failed reconstructions. 1993;18:271-9
van der Vliet JA (*see* Roumen et al). 1993;18:853-7
van Dijk LC (*see* Gerritsen et al). 1993;18:31-40
van Reedt Dortland RWH (*see* van der Heijden et al). 1993;18:271-9
van Tits HWHJ (*see* Roumen et al). 1993;18:853-7
van Urk H (*see* Gerritsen et al). 1993;18:31-40
van Vroonhoven TJMV (*see* van der Heijden et al). 1993;18:271-9
Vander Kolk CA (*see* Perler et al). 1993;18:358-65
Vazquez R (*see* Dardik et al). 1993;18:318-9 (Abstract)
Veith FJ (*see* Marin et al). 1993;18:170-7
— — (*see* Marin et al). 1993;18:407-15
— — (*see* Marin et al). 1993;18:299-302 (Case rep)
— — (*see* Rivers et al). 1993;18:391-7
— — (*see* Sales et al). 1993;18:199-206
— — (*see* Sanchez et al). 1993;18:981-90
— — (*see* Sanchez et al). 1993;18:326-7 (Abstract)
Vescera CL (*see* Makhoul et al). 1993;18:666-72
Villareal D (*see* Granger and Villareal). 1993;18:104-6 (Special comm.)
von Segresser LK (*see* Baitella-Eberle et al). 1993;18:1019-28
von Wichert P (*see* Schmidt et al). 1993;18:207-15

W

Wagner RJ (*see* Zwolak et al). 1993;18:541 (Abstract)
Wagner WH, Treiman RL, Cossman DV, Cohn JL, Foran RF, Treiman GS, Levin PM. Tourniquet occlusion technique for tibial artery reconstruction. 1993;18:637-47
Wahner HW (*see* Cambria et al). 1993;18:773-82
Wakefield TW (*see* DeLucia et al). 1993;18:49-60
— — (*see* Gerkin et al). 1993;18:760-6
— — (*see* Greenfield et al). 1993;18:450-8
Walker MG (*see* Welch et al). 1993;18:858-66
Walker PJ, Dake MD, Mitchell RS, Miller DC. The use of endovascular techniques for the treatment of complications of aortic dissection. 1993;18:1042-51
— —, Mitchell RS, McFadden PM, James DR, Mehigan JT. Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures. 1993;18:561-9
— — (*see* Rubin et al). 1993;18:656-65
Walker PM. Capillary recruitment and pain relief on leg dependency in patients with severe lower limb ischemia. 1993;18:726 (Abstract)
— —. Ischemia reperfusion injury. 1993;18:111-3 (Special comm.)
Walsh DB. Noninvasive quantification of atherosclerotic lesions. 1993;18:726 (Abstract)
— — (*see* Fillinger et al). 1993;18:536 (Abstract)
— — (*see* Powell et al). 1993;18:326 (Abstract)
Wang YP (*see* Baxter et al). 1993;18:526-7 (Abstract)
Ward PA, Seacamp A. Ischemia, reperfusion, and organ dysfunction: biochemical and cellular events. 1993;18:111 (Special comm.)
Wasserman DH, Bacik B, Berry SM, Sheehan C, Kahn M. Peripheral venous aneurysms: improved recognition and natural history. 1993;18:320-1 (Abstract)
Watase M, Awolsei MA, Ricotta J, Sumpio BE. Effects of pulsatile pressure on smooth muscle cells. 1993;18:538 (Abstract)
Watson J, Cambria RP, Brewster DC, Moncure AC, LaMuraglia

GM, Gertler JP, Darling RC Jr, Abbott WM. Management of aortic graft infection: long-term results with graft excision and extraanatomic revascularization. 1993;18:537 (Abstract)
Watt PAC (*see* Sayers et al). 1993;18:138 (Letter)
Waugh R (*see* May et al). 1993;18:1056-9
Weaver FA, Yellin AE. Regarding: "Complications of missed arterial injuries." 1993;18:1077-8 (Letter)
Webster EL (*see* Tilson et al). 1993;18:266-70
Weibull H, Bergqvist D, Bergentz S-E, Jonsson K, Hulthén L, Manhem P. Percutaneous transluminal renal angioplasty versus surgical reconstruction of atherosclerotic renal artery stenosis: a prospective randomized study. 1993;18:841-52
Weingarten MS, Branas CC, Czeredarczuk M, Schmidt JD, Wolferth CC Jr. Distribution and quantification of venous reflux in lower extremity chronic venous stasis disease with duplex scanning. 1993;18:753-9
Weintraub WS (*see* Suggs et al). 1993;18:349-57
Weiss DG (*see* Cohen et al). 1993;18:1002-11
— — (*see* Cohen et al). 1993;18:329 (Abstract)
— — (*see* Johnson et al). 1993;18:541 (Abstract)
Welch HA (*see* Iafrati et al). 1993;18:539 (Abstract)
Welch HJ, Belkin M, Mackey WC, O'Donnell TF Jr. Selective management of aortic graft infection based on extent of graft involvement. 1993;18:327-8 (Abstract)
Welch M, Knight DG, Carr MH, Smyth JV, Walker MG. The preservation of renal function by isovolemic hemodilution during aortic operations. 1993;18:858-66
Welkie J (*see* White et al). 1993;18:319 (Abstract)
Welling R. The significance of venography in the management of patients with clinically suspected pulmonary embolism. 1993; 18:726-7 (Abstract)
Wengerter KR (*see* Marin et al). 1993;18:407-15
— — (*see* Sales et al). 1993;18:199-206
— — (*see* Sanchez et al). 1993;18:981-90
— — (*see* Sanchez et al). 1993;18:326-7 (Abstract)
Wengrovitz M (*see* Healy et al). 1993;18:316-7 (Abstract)
Wheeler JR (*see* Feinberg et al). 1993;18:889-94 (Case rep)
White G (*see* May et al). 1993;18:1056-9
White JV. Acute embolic occlusions of the infrainguinal arteries: percutaneous aspiration embolectomy in 102 patients. 1993; 18:727 (Abstract)
— —. Combination balloon-ultrasound imaging catheter for percutaneous transluminal angioplasty. 1993;18:150-1 (Abstract)
— —. Medical management of lipid disorders: focus on prevention of coronary artery disease. 1993;18:145-6 (Book rev)
— —, Haas K, Comerota A. An alternative method of salvaging occluded suprainguinal bypass grafts with operative angioscopy and endovascular intervention. 1993;18:922-31
— —, — —, — —. Salvage of occluded suprainguinal bypass grafts with operative angioscopy. 1993;18:319 (Abstract)
— —, Welkie J, Comerota AJ. Suprarenal inferior vena caval resection with bilateral renal vein reconstruction for an infected inferior vena cava mass. 1993;18:319 (Abstract)
— — (*see* Aldridge et al). 1993;18:708-15 (Case rep)
White RA. Endovascular surgery credentials. 1993;18:1074-5 (Letter reply)
— —. Role of angioscopy in the treatment of peripheral vascular disease with percutaneous atherectomy. 1993;18:340 (Abstract)
Whittemore AD. Traumatic and spontaneous extracranial internal carotid artery dissections. 1993;18:149-50 (Abstract)
— — (*see* Clair et al). 1993;18:539 (Abstract)
— — (*see* Donaldson et al). 1993;18:41-8
Wilczweski J (*see* Tynall et al). 1993;18:535 (Abstract)
Wilkerson DK, Burrell L, Cisar L, Graham AM, Kim H. Hereditary protein S deficiency in a large New Jersey kindred. 1993;18:932-8
— —, — —, — —, Jozefiak E, Kim H. Hereditary protein S deficiency in a large New Jersey kindred. 1993;18:322-3 (Abstract)
— — (*see* Ciocca et al). 1993;18:321 (Abstract)
Wilkins HE III (*see* Benjamin et al). 1993;18:529 (Abstract)
Williams DM (*see* Gerkin et al). 1993;18:760-6
— — (*see* Greenfield et al). 1993;18:450-8
Williams GM. Treatment of chronic expanding dissecting aneurysms of the descending thoracic and upper abdominal aorta by extended aortotomy, removal of the dissected intima, and closure. 1993;18:441-9
— — (*see* Perler et al). 1993;18:358-65
Williams LR. Optimal management of suspected lower-extremity deep vein thrombosis. 1993;18:900 (Abstract)
Wisselink W, Becker MO, Nguyen JH, Money SR, Hollier LH. Protecting the ischemic spinal cord during aortic clamping: the influence of selective hypothermia. 1993;18:525-6 (Abstract)
Wolferth CC Jr (*see* Weingarten et al). 1993;18:753-9
Wolff M (*see* Castronuovo et al). 1993;18:323-4 (Abstract)
Wolk JH (*see* Aldridge et al). 1993;18:708-15 (Case rep)
Wolodiger F (*see* Dardik et al). 1993;18:318-9 (Abstract)
Woltering EA. Angiogenesis: key principles—science—technology—medicine. 1993;18:333-4 (Book rev)
Woodard DM (*see* Nehler et al). 1993;18:783-8
Woodson J (*see* Gardner et al). 1993;18:808-13
— — (*see* Gardner et al). 1993;18:321-2 (Abstract)
Wrobleski SK (*see* DeLucia et al). 1993;18:49-60

X

Xu C (*see* Zarins et al). 1993;18:526 (Abstract)

Y

Yao JST (*see* Keen et al). 1993;18:527 (Abstract)
— — (*see* Nolan et al). 1993;18:534 (Abstract)
Yeager RA (*see* Nehler et al). 1993;18:618-26
Yee LF (*see* Thompson et al). 1993;18:310-5 (Case rep)
Yellin AE (*see* Weaver and Yellin). 1993;18:1077-8 (Letter)
Youker KA (*see* Entman et al). 1993;18:108-11 (Special comm.)
Youkey JR (*see* Langan et al). 1993;18:905-13
— — (*see* Langan et al). 1993;18:316 (Abstract)
Young JR (*see* Olin et al). 1993;18:1037-41
Yu W (*see* May et al). 1993;18:1056-9
Yuhas J (*see* Baele et al). 1993;18:532 (Abstract)

Z

Zammit M (*see* Saad et al). 1993;18:587-95
Zarins CK. The heart and cardiovascular system: scientific foundations, 2nd edition. 1993;18:548 (Book rev)
— —, Xu C, Glagov S. Aneurysmal and occlusive atherosclerosis of the human abdominal aorta. 1993;18:526 (Abstract)
Zelenock GB (*see* Katz et al). 1993;18:527 (Abstract)
Zierler RE. Cardiovascular physiology. 1993;18:330-1 (Book rev)
— — (*see* Dawson et al). 1993;18:673-83
Zilla P (*see* Baitella-Eberle et al). 1993;18:1019-28
Zivin JA. Therapy of experimental spinal cord ischemia. 1993; 18:127-8 (Special comm.)
Zwolak RM. The endothelium: an introduction to current research. 1993;18:720 (Book rev)
— —, Gilbertson JJ, Magnant JG, Galt SW, Wagner RJ. Growth control of vein graft myointimal proliferation: heparin inhibits intimal proliferation due to trauma. 1993;18:541 (Abstract)
— — (*see* Fillinger et al). 1993;18:536 (Abstract)

*Subject index**

A

Abstracts
Abstracts. 1993;18:148-52, 316-29, 336-40, 525-43, 551-2, 724-30, 896-900, 1083-8
Accreditation Council for Continuing Medical Education
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3
Acute renal failure; *see* **Kidney failure, acute**
Adenosine
Regional adenosine attenuates postischemic spinal cord injury (Seibel et al). 1993;18:153-60
Airway obstruction
Simultaneous tracheobronchial and esophageal obstruction caused by a descending thoracic aneurysm (Cooke and Cambria). 1993;18:90-4 (Case rep.)
Alkaline phosphate
Enterocyte alkaline phosphatase activity reflects the severity of intestinal reperfusion injury (Sisley). 1993;18:530-1 (Abstract)
Allograft; *see* **Transplantation, homologous**
Alloxan diabetes; *see* **Diabetes mellitus, experimental**
American Medical Association
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3
American Venous Forum
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3
Amputation
Functional foot salvage after extensive plantar excision and amputations proximal to the standard transmetatarsal level (Patel et al). 1993;18:1030-6
The use of angioplasty, bypass surgery, and amputation in the management of peripheral vascular disease (Rosenthal). 1993;18:552 (Abstract)
Anesthesia
The influence of anesthetic technique on perioperative complications after carotid endarterectomy (Allen et al). 1993;18:528-9 (Abstract)
Aneurysm
Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature (Hasaniya and Katzen). 1993;18:295-8 (Case rep)
Hemodynamics and aneurysm development in vascular allografts (Petersen et al). 1993;18:324 (Abstract), 1993;18:955-64
Idiopathic saccular aneurysm of the inferior vena cava: a new case (Levesque et al). 1993;18:544-5 (Letter)
Peripheral venous aneurysms: improved recognition and natural history (Wasserman et al). 1993;18:320-1 (Abstract)
Popliteal venous aneurysm: report of two cases and review of the world literature (Aldridge et al). 1993;18:708-15 (Case rep)
Transluminal placement of a prosthetic graft-stent device for treatment of subclavian artery aneurysm (May et al). 1993;18:1056-9
Aneurysm, false
Abdominal aortic pseudoaneurysm after blunt trauma (Pisters et al). 1993;18:307-9 (Case rep)
Successful management of traumatic false aneurysm of the extracranial vertebral artery by duplex-directed manual occlusion: a case report (Feinberg et al). 1993;18:889-94 (Case rep)
Aneurysm, infected
Direct replacement of mycotic thoracoabdominal aneurysms (Hollier et al). 1993;18:477-85
Aneurysm, mycotic; *see* **Aneurysm, infected**
Angiogenesis; *see* **Neovascularization**
Angiography
An alternative method of salvaging occluded suprainguinal bypass grafts with operative angioscopy and endovascular intervention (White et al). 1993;18:922-31
Complications and validity of pulmonary angiography in acute pulmonary embolism (Cutler). 1993;18:337-8 (Abstract)
Follow-up evaluation after renal artery bypass surgery with use of carbon dioxide arteriography and color-flow duplex scanning (Harward et al). 1993;18:23-30
Infrageniculate bypass graft entrapment (Carpenter et al). 1993;18:81-9 (Case rep.)
Intravascular ultrasonography before and after intervention: in vivo comparison with angiography (Gerritsen et al). 1993;18:31-40
Magnetic resonance angiographic imaging of angioplasty and atherectomy sites (Hertz et al). 1993;18:317 (Abstract)
The role of duplex scanning and arteriography before carotid endarterectomy: a prospective study (Dawson et al). 1993;18:673-83
Successful management of traumatic false aneurysm of the extracranial vertebral artery by duplex-directed manual occlusion: a case report (Feinberg et al). 1993;18:889-94 (Case rep)
Superficial femoral artery stenoses: characteristics of progressing lesions (Powell et al). 1993;18:326 (Abstract)
Three-dimensional spiral computed tomographic angiography: an alternative imaging modality for the abdominal aorta and its branches (Rubin et al). 1993;18:656-65
Angioplasty
Everted cervical vein patch angioplasty for carotid endarterectomy (Dardik et al). 1993;18:318-9 (Abstract)
Low molecular weight heparin (enoxaparin) reduces restenosis after iliac angioplasty in the hypercholesterolemic rabbit (Cutler). 1993;18:150 (Abstract)
Angioplasty, balloon
Combination balloon-ultrasound imaging catheter for percutaneous transluminal angioplasty (White). 1993;18:150-1 (Abstract)
Femorofemoral bypass graft: analysis of patency and factors influencing long-term outcome (Criado et al). 1993;18:495-505
Long-term results of semiclosed endarterectomy of the superficial femoral artery and the outcome of failed reconstructions (van der Heijden et al). 1993;18:271-9
Magnetic resonance angiographic imaging of angioplasty and atherectomy sites (Hertz et al). 1993;18:317 (Abstract)
Percutaneous transluminal renal angioplasty versus surgical reconstruction of atherosclerotic renal artery stenosis: a prospective randomized study (Weibull et al). 1993;18:841-52
Renal duplex sonography after treatment of renovascular disease (Hudspeth et al). 1993;18:381-90
The use of angioplasty, bypass surgery, and amputation in the management of peripheral vascular disease (Rosenthal). 1993;18:552 (Abstract)
The value of tests predicting renovascular hypertension in patients with renal artery stenosis treated by angioplasty (Bandyk). 1993;18:336 (Abstract)
Angioplasty, transluminal
Effect of balloon angioplasty on femoral artery evaluated with intravascular ultrasound imaging (Bandyk). 1993;18:1085 (Abstract)

*July, pp. 1-152; August, pp. 153-340; September, pp. 341-552; October, pp. 553-730; November, pp. 731-900; December, pp. 901-1122.

Angioscopy
Randomized prospective study of angioscopically assisted in situ saphenous vein grafting (Clair et al). 1993;18:539 (Abstract)
Role of angioscopy in the treatment of peripheral vascular disease with percutaneous atherectomy (White). 1993;18: 340 (Abstract)
Salvage of occluded suprainguinal bypass grafts with operative angioscopy (White et al). 1993;18:319 (Abstract)
Saphenous vein angioscopy: a valuable method to detect unsuspected venous disease (Sales et al). 1993;18:199-206

Antibiotics
Direct replacement of mycotic thoracoabdominal aneurysms (Hollier et al). 1993;18:477-85
Regarding "Use of antibiotic-bonded graft for in situ reconstruction after prosthetic graft infections" (Miller) (Letter); (Moore) (Letter reply). 1993;18:1075-7

Aorta
Dobutamine stress echocardiography for cardiac risk assessment before aortic surgery (Langan et al). 1993;18:905-13
Dobutamine stress echocardiography for cardiac risk assessment prior to aortic surgery (Langan et al). 1993;18:316 (Abstract)
Intraoperative autotransfusion in aortic surgery (Ouriel et al). 1993;18:16-22
The preservation of renal function by isovolemic hemodilution during aortic operations (Welch et al). 1993;18:858-66
"Redo" vascular surgery: renal aorto-iliac and infrainguinal areas (Keagy). 1993;18:1079 (Book rev)
Selective management of aortic graft infection based on extent of graft involvement (Welch et al). 1993;18:327-8 (Abstract)
The use of endovascular techniques for the treatment of complications of aortic dissection (Walker et al). 1993;18: 1042-51

Aorta, abdominal
Abdominal aortic pseudoaneurysm after blunt trauma (Pisters et al). 1993;18:307-9 (Case rep)
Comparison of cardiac morbidity rates between aortic and infrainguinal operations: two-year follow-up (Krupski et al). 1993;18:609-17
Influence of segmental intercostal or lumbar arteries on postoperative paraplegia after thoracoabdominal aortic operations (Svensson et al). 1993;18:541-2 (Abstract)
Pulmonary risk factors of elective abdominal aortic surgery (Calligaro et al). 1993;18:317-8 (Abstract), 1993;18: 914-21
Three-dimensional spiral computed tomographic angiography: an alternative imaging modality for the abdominal aorta and its branches (Rubin et al). 1993;18:656-65

Aorta, thoracic
Influence of segmental intercostal or lumbar arteries on postoperative paraplegia after thoracoabdominal aortic operations (Svensson et al). 1993;18:541-2 (Abstract)
The prevalence of ulcerated plaques in the aortic arch in patients with stroke (Seeger). 1993;18:724 (Abstract)

Aortic aneurysm
Growth of aortic aneurysms is reduced by propranolol in a hypertensive rat model (Slaiby et al). 1993;18:540 (Abstract)
Transfemoral endovascular aortic graft placement (Chuter et al). 1993;18:185-97

Aortic aneurysm, abdominal
Abdominal aortic aneurysms are associated with altered matrix proteins of the nonaneurysmal aorta (Baxter et al). 1993;18: 526-7 (Abstract)
Aneurysmal and occlusive atherosclerosis of the human abdominal aorta (Zarins et al). 1993;18:526 (Abstract)
Aorta left renal vein fistula syndrome caused by rupture of a juxtarenal abdominal aortic aneurysm: novel pathologic mechanism for a unique clinical entity (Thompson et al). 1993;18:310-5 (Case rep)
Are aortic aneurysms caused by atherosclerosis? (Hunter). 1993;18:728-9 (Abstract)
Combined thoracic aortic dissection and abdominal aortic fusiform aneurysm (Ricotta). 1993;18:551-2 (Abstract)
Connective tissue proteinases and inhibitors in abdominal aortic aneurysms (Dalsing). 1993;18:148 (Abstract)
Connective tissue proteinases and inhibitors in abdominal aortic aneurysms (Perler). 1993;18:898 (Abstract)
Cost-effectiveness of early surgery for small abdominal aortic aneurysms (Cronenwett and Katz). 1993;18:538-9 (Abstract)
Early and late outcome of surgical repair for small abdominal aortic aneurysms: a population-based analysis (Hallett et al). 1993;18:684-91
Expression and sequence of the gene for tissue inhibitor of metalloproteinases in patients with abdominal aortic aneurysms (Tilson et al). 1993;18:266-70
Guthrie award winner: interleukin-1β induces differential gene expression in aortic smooth muscle cells which promotes aneurysm formation (Keen et al). 1993;18:527 (Abstract)
The incidence of deep venous thrombosis in patients undergoing abdominal aortic aneurysm resection (Olin et al). 1993;18:1037-41
Increased ICAM-1 expression in aortic disease (Davis et al). 1993;18:875-80
Intraluminal bypass of abdominal aortic aneurysm: feasibility study (Ouriel). 1993;18:1088 (Abstract)
One-stage segmental resection of extensive thoracoabdominal aneurysms with left-sided heart bypass (Fehrenbacher et al). 1993;18:366-71
Paraanastomotic aneurysms of the abdominal aorta (Allen et al). 1993;18:424-32
Penetration of the wall of an abdominal aortic aneurysm by a Greenfield filter prong: a late complication (Kurgan et al). 1993;18:303-6 (Case rep)
Prognostic factors in acute renal failure following aortic aneurysm surgery (Turnipseed). 1993;18:725-6 (Abstract)
Risk factors for the neurologic complications associated with aortic aneurysms (Messina). 1993;18:897 (Abstract)
Ruptured abdominal aortic aneurysm: A population-based study (Bengtsson and Bergqvist). 1993;18:74-80
Selective screening for coronary artery disease in patients undergoing elective repair of abdominal aortic aneurysms (Suggs et al). 1993;18:349-57
Should the Cell Saver Autotransfusion Device be used routinely in all infrarenal abdominal aortic bypass operations? (Kelley-Patteson et al). 1993;18:261-5
Spinal cord stimulation evoked potentials during thoracoabdominal aortic aneurysm surgery (Coselli). 1993;18:1084 (Abstract)
Surgical mortality for intact and ruptured abdominal aortic aneurysms: a 10-year statewide experience (Katz et al). 1993;18:527 (Abstract)
Treatment of chronic expanding dissecting aneurysms of the descending thoracic and upper abdominal aorta by extended aortotomy, removal of the dissected intima, and closure (Williams). 1993;18:441-9

Aortic aneurysm, thoracic
Combined thoracic aortic dissection and abdominal aortic fusiform aneurysm (Ricotta). 1993;18:551-2 (Abstract)
One-stage segmental resection of extensive thoracoabdominal aneurysms with left-sided heart bypass (Fehrenbacher et al). 1993;18:366-71
Simultaneous tracheobronchial and esophageal obstruction caused by a descending thoracic aneurysm (Cooke and Cambria). 1993;18:90-4 (Case rep.)
Spinal cord stimulation evoked potentials during thoracoab-

Aortic aneurysm, thoracic—cont'd
dominal aortic aneurysm surgery (Coselli). 1993;18:1084 (Abstract)
Treatment of chronic expanding dissecting aneurysms of the descending thoracic and upper abdominal aorta by extended aortotomy, removal of the dissected intima, and closure (Williams). 1993;18:441-9
Aortic arch; *see* **Aorta, thoracic**
Aortic occlusion
Suprarenal aortic occlusion (Tapper et al). 1993;18:372-80
Aortic rupture
Ruptured abdominal aortic aneurysm: A population-based study (Bengtsson and Bergqvist). 1993;18:74-80
Surgical mortality for intact and ruptured abdominal aortic aneurysms: a 10-year statewide experience (Katz et al). 1993;18:527 (Abstract)
Aortotomy
Treatment of chronic expanding dissecting aneurysms of the descending thoracic and upper abdominal aorta by extended aortotomy, removal of the dissected intima, and closure (Williams). 1993;18:441-9
Apoproteins
Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy (McIntyre). 1993;18:896-7 (Abstract)
Apoptosis
Programmed cell death (apoptosis): a potential mechanism contributing to multiple organ dysfunction syndrome (Buchman). 1993;18:132-4 (Special comm.)
Arm
Can air plethysmography accurately identify upper extremity deep venous thrombosis? (Gardner et al). 1993;18:808-13
Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities (Cambria et al). 1993;18:773-82
Upper extremity arterial embolism has an unfavorable prognosis (Schwarcz et al). 1993;18:530 (Abstract)
Arterial occlusive diseases
Acute embolic occlusions of the infrainguinal arteries: percutaneous aspiration embolectomy in 102 patients (White). 1993;18:727 (Abstract)
Effect of temperature on digital systolic pressures in lower limb in arterial disease (Satiani). 1993;18:724 (Abstract)
Increased ICAM-1 expression in aortic disease (Davis et al). 1993;18:875-80
Infrainguinal bypass in patients with end-stage renal disease (Baele et al). 1993;18:532 (Abstract)
Long-term results of semiclosed endarterectomy of the superficial femoral artery and the outcome of failed reconstructions (van der Heijden et al). 1993;18:271-9
Magnetic resonance imaging of angiographically occult runoff vessels in peripheral arterial occlusive disease (Cambria). 1993;18:1087 (Abstract)
Periodic hemodynamics (flow motion) in peripheral arterial occlusive disease (Schmidt et al). 1993;18:207-15
Arteriography; *see* **Angiography**
The coronary risk of unsuspected renal artery stenosis (Valentine et al). 1993;18:433-40
Arteriovenous anastomosis
Compliance of vascular anastomoses with polybutester and polypropylene sutures (Megerman et al). 1993;18:827-34
Paraanastomotic aneurysms of the abdominal aorta (Allen et al). 1993;18:424-32
Arteriovenous fistula
Aorta left renal vein fistula syndrome caused by rupture of a juxtarenal abdominal aortic aneurysm: novel pathologic mechanism for a unique clinical entity (Thompson et al). 1993;18:310-5 (Case rep)
Basilic vein transposition: an underused autologous alternative to prosthetic dialysis angioaccess (Rivers et al). 1993;18:391-7
Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures (Jacobs et al). 1993;18:1-9
Failure of glow-discharge polymerization onto woven Dacron to improve performance of hemodialysis grafts (Farmer et al). 1993;18:570-6
Percutaneous transfemoral insertion of a stented graft to repair a traumatic femoral arteriovenous fistula (Marin et al). 1993;18:299-302 (Case rep)
Subclavian to jugular bypass for relief of intractable venous hypertension and salvage of hemodialysis access (Brown and McLaren). 1993;18:536-7 (Abstract)
Arthroplasty, replacement, hip; *see* **Hip prosthesis**
Aspirin
Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26
Low-dose aspirin and subsequent peripheral arterial surgery in the Physicians' Health Study (Baxter). 1993;18:1086 (Abstract)
Swedish aspirin low-dose trial (SALT) of 75 mg aspirin as secondary prophylaxis after cerebral ischaemic events (Ricotta). 1993;18:551 (Abstract)
Association of American Medical Colleges
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3
Atherectomy
Magnetic resonance angiographic imaging of angioplasty and atherectomy sites (Hertz et al). 1993;18:317 (Abstract)
Role of angioscopy in the treatment of peripheral vascular disease with percutaneous atherectomy (White). 1993;18:340 (Abstract)
Atherosclerosis
Alloxan diabetes alters the rabbit transarterial wall oxygen gradient (Santilli et al). 1993;18:227-33
Aneurysmal and occlusive atherosclerosis of the human abdominal aorta (Zarins et al). 1993;18:526 (Abstract)
Are aortic aneurysms caused by atherosclerosis? (Hunter). 1993;18:728-9 (Abstract)
Circulating and tissue endothelin immunoreactivity in advanced atherosclerosis (Krupski). 1993;18:729 (Abstract)
Distribution of c-*myc* oncoprotein in healthy and atherosclerotic human carotid arteries (Marin et al). 1993;18:170-7
Noninvasive quantification of atherosclerotic lesions (Walsh). 1993;18:726 (Abstract)
Percutaneous transluminal renal angioplasty versus surgical reconstruction of atherosclerotic renal artery stenosis: a prospective randomized study (Weibull et al). 1993;18:841-52
Preoperative duplex venous mapping: a comparison of positional techniques in normal and atherosclerotic patients (Blebea et al). 1993;18:531 (Abstract)
Superficial femoral artery stenoses: characteristics of progressing lesions (Powell et al). 1993;18:326 (Abstract)
Is surveillance to detect failing polytetrafluoroethylene bypasses worthwhile?: Twelve-year experience with ninety-one grafts (Sanchez et al). 1993;18:981-90
Autotransfusion; *see* **Blood transfusion, autologous**

B

Bandages
Perimalleolar subcutaneous tissue pressure effects of elastic compression stockings (Nehler et al). 1993;18:783-8
Baroreceptors
Arterial baroreflex sensitivity and blood pressure variabilities before and after carotid surgery (Riles). 1993;18:1088 (Abstract)

Basilar artery
Basilic vein transposition: an underused autologous alternative to prosthetic dialysis angioaccess (Rivers et al). 1993;18:391-7
Biometry
Biostatistics and epidemiology: a primer for health professionals (Summer). 1993;18:330 (Book rev)
Bleeding time
Bleeding time as a predictor of early PTFE graft failure (Fowl et al). 1993;18:532 (Abstract)
Blood aggregation
Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts (Saad et al). 1993;18:587-95
Blood flow-velocity
Arterial adaption to increased wall shear stress (Bendick et al). 1993;18:530 (Abstract)
Blood platelets
Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts (Saad et al). 1993;18:587-95
Blood pressure
Arterial baroreflex sensitivity and blood pressure variabilities before and after carotid surgery (Riles). 1993;18:1088 (Abstract)
Blood transfusion, autologous
Intraoperative autotransfusion in aortic surgery (Ouriel et al). 1993;18:16-22
Blood vessel, physiology
Arterial adaption to increased wall shear stress (Bendick et al). 1993;18:530 (Abstract)
Blood vessel prosthesis
Early results with cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:965-71
Further experience with an all-autogenous tissue policy for infrainguinal reconstruction (Donaldson et al). 1993;18:41-8
Hemodynamic evaluation of a bioprosthetic venous prosthesis (DeLaria et al). 1993;18:577-86
Hemodynamics and aneurysm development in vascular allografts (Petersen et al). 1993;18:955-64
Management of aortic graft infection: long-term results with graft excision and extraanatomic revascularization (Watson et al). 1993;18:537 (Abstract)
The management of the infected aortic prosthesis: a current ten-year experience (Sharp et al). 1993;18:533-4 (Abstract)
In situ replacement of infected vascular prostheses with rifampin-soaked vascular grafts (Strachan and Avramovic). 1993;18:1075 (Letter)
Tibial bypass grafting for limb salvage with ringed polytetrafluoroethylene prostheses: results of primary and secondary procedures (Schweiger et al). 1993;18:867-74
Transfemoral endovascular aortic graft placement (Chuter et al). 1993;18:185-97
Transluminal placement of a prosthetic graft-stent device for treatment of subclavian artery aneurysm (May et al). 1993;18:1056-9
Blunt injuries; *see* **Wounds, nonpenetrating**
Book reviews
Book reviews. 1993;18:142-6, 330-4, 548-9, 720-3, 1079-82
Brachiocephalic trunk
Surgery of the arteries to the head (Taylor). 1993;18:723 (Book rev)
Brachiocephalic veins
Stenting of proximal venous obstructions to maintain hemodialysis access (Shoenfeld et al). 1993;18:318 (Abstract)
Burns
The contribution of oxygen free radicals and lipid peroxidation to cardiac dysfunction after burn injury (Horton). 1993;18:131-2 (Special comm.)
Penetrating thermal vascular injury in a child: a case report (McNeil et al). 1993;18:1060-3 (Case rep)

C

C-*myc* proteins; *see* **Proto-oncogene proteins c-*myc***
Calcitonin gene-related peptide
Deficiency of calcitonin gene-related peptide in Raynaud's phenomenon (McIntyre). 1993;18:151-2 (Abstract)
Carbon
The effect of carbon coating and porosity on early patency of expanded polytetrafluoroethylene grafts: An experimental study (Akers et al). 1993;18:10-5
Cardioplegic solutions
Induction of endogenous myocardial defenses against scheduled ischemia and reperfusion (Banerjee et al). 1993;18:123-5 (Special comm.)
Cardiovascular diseases
Cardiovascular physiology (Zierler). 1993;18:330-1 (Book rev)
Cardiovascular system
The heart and cardiovascular system: scientific foundations, 2nd edition (Zarins). 1993;18:548 (Book rev)
Carotid arteries
Carotid arterial trauma: assessment with the Glasgow Coma Scale as a guide to surgical management (Teehan et al). 1993;18:318 (Abstract)
Carotid subclavian bypass for internal mammary coronary arterial graft steal (Lamparello et al). 1993;18:320 (Abstract)
Color-flow duplex scanning of carotid arteries: new velocity criteria based on roc analysis for threshold stenoses used in the symptomatic and asymptomatic carotid trials (Faught et al). 1993;18:527-8 (Abstract)
CRC handbook of carotid artery surgery: facts and figures (Lord). 1993;18:333 (Book rev)
Distribution of c-*myc* oncoprotein in healthy and atherosclerotic human carotid arteries (Marin et al). 1993;18:170-7
Intraoperative duplex scanning and late carotid stenosis (Baker et al). 1993;18:528 (Abstract)
Surgery of the arteries to the head (Taylor). 1993;18:723 (Book rev)
Carotid artery, common
Spontaneous common carotid artery dissection (Humphrey et al). 1993;18:95-9 (Case rep.)
Carotid artery, internal
Traumatic and spontaneous extracranial internal carotid artery dissections (Whittemore). 1993;18:149-50 (Abstract)
Carotid artery disease
Long-term follow-up of patients undergoing reoperation for recurrent carotid artery disease (Gagne et al). 1993;18:991-1001
Long-term follow-up of patients undergoing reoperation for recurrent carotid disease (Gagne et al). 1993;18:328-9 (Abstract)
Carotid artery occlusion; *see* **Carotid stenosis**
Carotid artery stenosis; *see* **Carotid stenosis**
Carotid stenosis
Carotid artery stenosis: What's in the measurement? (Hobson and Strandness). 1993;18:1069-70 (Editorial)
Carotid endarterectomy and the prevention of cerebral ischemia in symptomatic carotid stenosis (O'Hara). 1993;18:897-8 (Abstract)
Color-flow duplex scanning of carotid arteries: new velocity criteria based on roc analysis for threshold stenoses used in the symptomatic and asymptomatic carotid trials (Faught et al). 1993;18:527-8 (Abstract)
Death associated with asymptomatic carotid artery stenosis:

Carotid stenosis—cont'd
long-term clinical evaluation (Cohen et al). 1993;18:1002-11
Evidence implicating nonmuscle myosin in restenosis: use of in situ hybridization to analyze human vascular lesions obtained by directional atherectomy (Sicard). 1993;18:724-5 (Abstract)
Intraoperative duplex scanning and late carotid stenosis (Baker et al). 1993;18:528 (Abstract)
Mortality associated with asymptomatic carotid stenosis: long-term clinical evaluation (Cohen et al). 1993;18:329 (Abstract)
Onset of neurologic symptoms in patients with an asymptomatic significant carotid stenosis: correlation with the severity of the stenosis (Johnson et al). 1993;18:541 (Abstract)
Presentation and natural history of internal carotid artery occlusion (Faught et al). 1993;18:512-24
Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy (McIntyre). 1993;18:896-7 (Abstract)

Case reports
Case reports. 1993;18:81-99, 294-315, 708-15, 889-94

Cations
Efficacy and toxicity of differently charged polycationic protamine-like peptides for heparin anticoagulation reversal (DeLucia et al). 1993;18:49-60

Cefamandole
Cefamandole versus cefazolin in vascular surgical wound infection prophylaxis: cost-effectiveness and risk factors (Edwards et al). 1993;18:470-6

Cefazolin
Cefamandole versus cefazolin in vascular surgical wound infection prophylaxis: cost-effectiveness and risk factors (Edwards et al). 1993;18:470-6

Cell adhesion
Glycoconjugate mediated endothelial cell adhesion to Dacron polyester film (Ozaki et al). 1993;18:486-94

Cell adhesion molecules
Increased ICAM-1 expression in aortic disease (Davis et al). 1993;18:875-80

Cell hypoxia
Alloxan diabetes alters the rabbit transarterial wall oxygen gradient (Santilli et al). 1993;18:227-33
Endothelin production by hypoxic human endothelium (Gertler and Ocasio). 1993;18:178-84

Cell Saver Autotransfusion Device
Should the Cell Saver Autotransfusion Device be used routinely in all infrarenal abdominal aortic bypass operations? (Kelley-Patteson et al). 1993;18:261-5

Cerebral ischemia
Carotid endarterectomy and the prevention of cerebral ischemia in symptomatic carotid stenosis (O'Hara). 1993;18:897-8 (Abstract)
Correlation of cerebrovascular anatomy with cerebral ischemia during carotid endarterectomy (Benjamin et al). 1993;18:529 (Abstract)
Rheologic mechanisms in brain ischemia: regulatory aspects (Coull). 1993;18:128-31 (Special comm.)
Swedish aspirin low-dose trial (SALT) of 75 mg aspirin as secondary prophylaxis after cerebral ischaemic events (Ricotta). 1993;18:551 (Abstract)

Cerebral ischemia, transient
Onset of neurologic symptoms in patients with an asymptomatic significant carotid stenosis: correlation with the severity of the stenosis (Johnson et al). 1993;18:541 (Abstract)
Presentation and natural history of internal carotid artery occlusion (Faught et al). 1993;18:512-24

Cerebrovascular disorders
Benefit of carotid endarterectomy after prior stroke (Makhoul et al). 1993;18:666-72
Correlation of contralateral stenosis and intraoperative electroencephalogram change with risk of stroke diring carotid endarterectomy (Satiani). 1993;18:1084-5 (Abstract)
Onset of neurologic symptoms in patients with an asymptomatic significant carotid stenosis: correlation with the severity of the stenosis (Johnson et al). 1993;18:541 (Abstract)
Perivascular monocyte/macrophage interaction with endothelium as a mechanism through which stroke-risk factors operate to increase stroke likelihood (Sirén et al). 1993;18:125-7 (Special comm.)
The prevalence of ulcerated plaques in the aortic arch in patients with stroke (Seeger). 1993;18:724 (Abstract)

Cervical vein
Everted cervical vein patch angioplasty for carotid endarterectomy (Dardik et al). 1993;18:318-9 (Abstract)

Child
Penetrating thermal vascular injury in a child: a case report (McNeil et al). 1993;18:1060-3 (Case rep)

Chronic obstructive pulmonary disease; *see* Lung diseases, obstructive

Chylomicrons
Cigarette smoke alters chylomicron metabolism in rats (Pan et al). 1993;18:161-69

Collagen
Abdominal aortic aneurysms are associated with altered matrix proteins of the nonaneurysmal aorta (Baxter et al). 1993;18:526-7 (Abstract)

Compartment syndromes
Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature (Hasaniya and Katzen). 1993;18:295-8 (Case rep)

Complement
Complement, neutrophils, and free radicals in myocardial reperfusion injury (Lucchesi). 1993;18:106-7 (Special comm.)
Ischemia, reperfusion, and organ dysfunction: biochemical and cellular events (Ward and Seacamp). 1993;18:111 (Special comm.)

Complication, neurologic
Risk factors for the neurologic complications associated with aortic aneurysms (Messina). 1993;18:897 (Abstract)

Connective tissue
Analysis of the connective tissue matrix and proteolytic activity of primary varicose veins (Gandhi et al). 1993;18:814-20
Connective tissue proteinases and inhibitors in abdominal aortic aneurysms (Dalsing). 1993;18:148 (Abstract)
Connective tissue proteinases and inhibitors in abdominal aortic aneurysms (Perler). 1993;18:898 (Abstract)

Coronary artery bypass
Carotid subclavian bypass for internal mammary coronary arterial graft steal (Lamparello et al). 1993;18:320 (Abstract)

Coronary disease
Comparison of cardiac morbidity rates between aortic and infrainguinal operations: two-year follow-up (Krupski et al). 1993;18:609-17
The coronary risk of unsuspected renal artery stenosis (Valentine et al). 1993;18:433-40
Late nonfatal and fatal cardiac events after infrainguinal bypass for femoropopliteal occlusive disease during a thirty-one-year period (Dawson et al). 1993;18:249-60
Medical management of lipid disorders: focus on prevention of coronary artery disease (White). 1993;18:145-6 (Book rev)
Selective screening for coronary artery disease in patients

undergoing elective repair of abdominal aortic aneurysms (Suggs et al). 1993;18:349-57

Credentialing
Endovascular surgery credentials (Diethrich) (Letter); (White) (Letter reply). 1993;18:1074-5
Regarding "Endovascular surgery credentialing and training for vascular surgery" (Teitelbaum). 1993;18:1073 (Letter)

Critical care
Principles of critical care (Kent). 1993;18:143-4 (Book rev)

Critical illness
Care of the critically ill patient, 2nd edition (Bunt and Mohr). 1993;18:332 (Book rev)

Cryopreservation
Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? (Harris et al). 1993;18:553-60
Cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:324-5 (Abstract)
Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26
Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures (Walker et al). 1993;18:561-9
Early results with cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:965-71
Failure of cryopreserved saphenous vein allografts following infrainguinal arterial reconstructions (Iliopoulos et al). 1993;18:533 (Abstract)

Cyclosporin
Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26

Cystic adventitial disease
A case of cystic adventitial disease of the popliteal artery demonstrated by magnetic resonance imaging (Crolla et al). 1993;18:1052-5

D

Dacron; *see* **Polyethylene terephthalate**

Dacron polyester film
Glycoconjugate mediated endothelial cell adhesion to Dacron polyester film (Ozaki et al). 1993;18:486-94

Death
Death associated with asymptomatic carotid artery stenosis: long-term clinical evaluation (Cohen et al). 1993;18:1002-11

Debridement
Direct replacement of mycotic thoracoabdominal aneurysms (Hollier et al). 1993;18:477-85

Diabetes mellitus, experimental
Alloxan diabetes alters the rabbit transarterial wall oxygen gradient (Santilli et al). 1993;18:227-33

Diagnostic imaging
Peripheral vascular imaging and intervention (McNamara). 1993;18:720-1 (Book rev)

Dialysis
Unilateral renal artery revascularization can salvage renal function and terminate dialysis in selected patients with uremia (Ascer et al). 1993;18:1012-8

Dissection
Spontaneous common carotid artery dissection (Humphrey et al). 1993;18:95-9 (Case rep.)
The use of endovascular techniques for the treatment of complications of aortic dissection (Walker et al). 1993;18:1042-51

Dobutamine stress echocardiography
Dobutamine stress echocardiography for cardiac risk assessment before aortic surgery (Langan et al). 1993;18:905-13
Dobutamine stress echocardiography for cardiac risk assessment prior to aortic surgery (Langan et al). 1993;18:316 (Abstract)

Dysphagia lusoria
Symptomatic subclavian steal syndrome four decades after operation for dysphagia lusoria (Ciocca et al). 1993;18:321 (Abstract)

E

Echocardiography
Clinical transesophageal echocardiography (Mitchell). 1993;18:549-50 (Book rev)
Dobutamine stress echocardiography for cardiac risk assessment before aortic surgery (Langan et al). 1993;18:905-13

Editorials
Editorials. 1993;18:100-1, 1069-70

Education, medical, continuing
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3

Elastin
Abdominal aortic aneurysms are associated with altered matrix proteins of the nonaneurysmal aorta (Baxter et al). 1993;18:526-7 (Abstract)

Embolectomy
Long-term experience with transvenous catheter pulmonary embolectomy (Greenfield et al). 1993;18:450-8

Embolism
Upper extremity arterial embolism has an unfavorable prognosis (Schwarcz et al). 1993;18:530 (Abstract)

Embryology
Persistent sciatic artery: embryology, pathology, and treatment (Brantley et al). 1993;18:242-8

End stage renal disease; *see* **Kidney failure, chronic**

Endarterectomy
Long-term results of semiclosed endarterectomy of the superficial femoral artery and the outcome of failed reconstructions (van der Heijden et al). 1993;18:271-9

Endarterectomy, carotid
Benefit of carotid endarterectomy after prior stroke (Makhoul et al). 1993;18:666-72
Carotid artery stenosis: What's in the measurement? (Hobson and Strandness). 1993;18:1069-70 (Editorial)
Carotid endarterectomies in awake patients: its safety, acceptability, and outcome (Shah et al). 1993;18:543 (Abstract)
Carotid endarterectomy and the prevention of cerebral ischemia in symptomatic carotid stenosis (O'Hara). 1993;18:897-8 (Abstract)
Carotid endarterectomy for nonhemispheric ischemia: long-term follow-up (Ricotta et al). 1993;18:328 (Abstract)
Correlation of cerebrovascular anatomy with cerebral ischemia during carotid endarterectomy (Benjamin et al). 1993;18:529 (Abstract)
Correlation of contralateral stenosis and intraoperative electroencephalogram change with risk of stroke diring carotid endarterectomy (Satiani). 1993;18:1084-5 (Abstract)
Death associated with asymptomatic carotid artery stenosis: long-term clinical evaluation (Cohen et al). 1993;18:1002-11
Everted cervical vein patch angioplasty for carotid endarterectomy (Dardik et al). 1993;18:318-9 (Abstract)
The influence of anesthetic technique on perioperative complications after carotid endarterectomy (Allen et al). 1993;18:528-9 (Abstract)

Endarterectomy, carotid—cont'd
Long-term follow-up of patients undergoing reoperation for recurrent carotid artery disease (Gagne et al). 1993;18:991-1001
Long-term follow-up of patients undergoing reoperation for recurrent carotid disease (Gagne et al). 1993;18:328-9 (Abstract)
Onset of neurologic symptoms in patients with an asymptomatic significant carotid stenosis: correlation with the severity of the stenosis (Johnson et al). 1993;18:541 (Abstract)
The role of duplex scanning and arteriography before carotid endarterectomy: a prospective study (Dawson et al). 1993;18:673-83
Should carotid endarterectomy be performed at a community hospital? (Buchbinder et al). 1993;18:322 (Abstract)
Spontaneous common carotid artery dissection (Humphrey et al). 1993;18:95-9 (Case rep.)

Endothelins
Circulating and tissue endothelin immunoreactivity in advanced atherosclerosis (Krupski). 1993;18:729 (Abstract)
Endothelin production by hypoxic human endothelium (Gertler and Ocasio). 1993;18:178-84

Endothelium
Ambient O_2 tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:323 (Abstract)
Ambient oxygen tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:939-46
Endothelial cell dysfunctions (Callow). 1993;18:334 (Book rev)
Endothelin production by hypoxic human endothelium (Gertler and Ocasio). 1993;18:178-84
The endothelium: an introduction to current research (Zwolak). 1993;18:720 (Book rev)
Long-term results of tissue development and cell differentiation on Dacron prostheses seeded with microvascular cells in dogs (Baitella-Eberle et al). 1993;18:1019-28
Perivascular monocyte/macrophage interaction with endothelium as a mechanism through which stroke-risk factors operate to increase stroke likelihood (Sirén et al). 1993;18:125-7 (Special comm.)
In reference to "In vitro evaluation of endothelial and smooth muscle function of primary varicose veins" (Sayers et al) (Letter); (Lowell et al) (Letter reply). 1993;18:138-9

Endothelium, vascular
Coronary vascular and myocardial injury from ischemia and reperfusion in canine models of acute myocardial infarction (Horowitz). 1993;18:120-1 (Special comm.)
Human saphenous vein grafts explanted from the arterial circulation demonstrate altered smooth-muscle and endothelial responses (Park et al). 1993;18:61-9

Endothelium derived relaxing factor
Endothelial adhesion molecules and myocardial ischemia-reperfusion injury (Lefer). 1993;18:121-3 (Special comm.)

Endotoxins
Endotoxemia after major vascular operations (Roumen et al). 1993;18:853-7

Enoxaparin
Antithrombotic efficacy of low-molecular-weight heparin in deep arterial injury (Fry). 1993;18:339 (Abstract)
Low molecular weight heparin (enoxaparin) reduces restenosis after iliac angioplasty in the hypercholesterolemic rabbit (Cutler). 1993;18:150 (Abstract)
Prevention of deep vein thrombosis after elective hip surgery. A randomized trial comparing low molecular weight heparin with standard unfractionated heparin (Ricco). 1993;18:899-900 (Abstract)
Subcutaneous low-molecular-weight heparin compared with continuous intravenous heparin in the treatment of proximal-vein thrombosis (Durham). 1993;18:339 (Abstract)

Epidemiology
Biostatistics and epidemiology: a primer for health professionals (Summer). 1993;18:330 (Book rev)

Esophagus
Simultaneous tracheobronchial and esophageal obstruction caused by a descending thoracic aneurysm (Cooke and Cambria). 1993;18:90-4 (Case rep.)

Extracellular fluid; *see* **Extracellular space**

Extracellular matrix
Cell biology of extracellular matrix (Golden). 1993;18:142 (Book rev)

Extracellular space
Perimalleolar subcutaneous tissue pressure effects of elastic compression stockings (Nehler et al). 1993;18:783-8

F

Femoral artery
Effect of balloon angioplasty on femoral artery evaluated with intravascular ultrasound imaging (Bandyk). 1993;18:1085 (Abstract)
Femorofemoral bypass graft: analysis of patency and factors influencing long-term outcome (Criado et al). 1993;18:495-505
Intravascular ultrasonography before and after intervention: in vivo comparison with angiography (Gerritsen et al). 1993;18:31-40
Long-term results of semiclosed endarterectomy of the superficial femoral artery and the outcome of failed reconstructions (van der Heijden et al). 1993;18:271-9
Neuropathy following femoral artery catheterization, incidence, clinical patterns, and long-term outcome (Kent et al). 1993;18:542 (Abstract)
Percutaneous transfemoral insertion of a stented graft to repair a traumatic femoral arteriovenous fistula (Marin et al). 1993;18:299-302 (Case rep)
Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts (Saad et al). 1993;18:587-95
Regarding "Treatment of iatrogenic femoral artery injuries with ultrasound-guided compression" (Graham et al) (Letter); (Feld et al) (Letter reply). 1993;18:140-1
The role of the deep femoral artery as an inflow site for infrainguinal revascularization (Mills et al). 1993;18:416-23
Superficial femoral artery stenoses: characteristics of progressing lesions (Powell et al). 1993;18:326 (Abstract)
Transfemoral endovascular aortic graft placement (Chuter et al). 1993;18:185-97

Femoral vein
Late nonfatal and fatal cardiac events after infrainguinal bypass for femoropopliteal occlusive disease during a thirty-one-year period (Dawson et al). 1993;18:249-60
Percutaneous transfemoral insertion of a stented graft to repair a traumatic femoral arteriovenous fistula (Marin et al). 1993;18:299-302 (Case rep)

Fibrinolysis
Ambient O_2 tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:323 (Abstract)
Ambient oxygen tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:939-46

Flaps; *see* **Surgical flaps**

Food and Drug Administration
The AVF, FDA, AMA, AAMC, ACCME, and CME (Johnson). 1993;18:731-3

Foot
Foot volumetry can predict recurrent ulceration after subfascial ligation of perforators and saphenous ligation (Bradbury and Ruckley). 1993;18:789-95
Functional foot salvage after extensive plantar excision and

amputations proximal to the standard transmetatarsal level (Patel et al). 1993;18:1030-6

Forced vital capacity; *see* **Vital capacity**

The Framingham Heart Study

Comparison of the natural history of intermittent claudication in males and females participating in The Framingham Heart Study (Leoni et al). 1993;18:537-8 (Abstract)

Fraxiparine

Randomized trial of subcutaneous low-molecular weight heparin CY 216 (fraxiparine) compared with intravenous unfractionated heparin in the curative treatment of submassive pulmonary embolism (Hallett). 1993;18:727-8 (Abstract)

Free radicals

Complement, neutrophils, and free radicals in myocardial reperfusion injury (Lucchesi). 1993;18:106-7 (Special comm.)

The contribution of oxygen free radicals and lipid peroxidation to cardiac dysfunction after burn injury (Horton). 1993;18:131-2 (Special comm.)

Free tissue transfer

Extension of limb salvage by adjunctive free tissue transfer (Serletti et al). 1993;18:325-6 (Abstract)

G

Gene expression

Expression and sequence of the gene for tissue inhibitor of metalloproteinases in patients with abdominal aortic aneurysms (Tilson et al). 1993;18:266-70

Genetics

Hereditary protein S deficiency in a large New Jersey kindred (Wilkerson et al). 1993;18:322-3 (Abstract)

Glasgow Coma Scale

Carotid arterial trauma: assessment with the Glasgow Coma Scale as a guide to surgical management (Teehan et al). 1993;18:318 (Abstract)

Glycoconjugates

Glycoconjugate mediated endothelial cell adhesion to Dacron polyester film (Ozaki et al). 1993;18:486-94

Graft occlusion, vascular

An alternative method of salvaging occluded suprainguinal bypass grafts with operative angioscopy and endovascular intervention (White et al). 1993;18:922-31

The effect of carbon coating and porosity on early patency of expanded polytetrafluoroethylene grafts: An experimental study (Akers et al). 1993;18:10-5

Femorofemoral bypass for aortofemoral graft limb occlusion: a ten-year experience (Nolan et al). 1993;18:534 (Abstract)

The late outcome of a prospective study of thrombolytic treatment of native arterial and bypass graft occlusion (Chalmers et al). 1993;18:325 (Abstract)

Salvage of occluded suprainguinal bypass grafts with operative angioscopy (White et al). 1993;18:319 (Abstract)

Saphenous vein angioscopy: a valuable method to detect unsuspected venous disease (Sales et al). 1993;18:199-206

Thrombolysis for occluded vein bypass grafts through surgical access (Sladen et al). 1993;18:1071-3

Graft rejection

Surgery for chronic lower extremity ischemia in patients eighty or more years of age: operative results and assessment of postoperative independence (Nehler et al). 1993;18:618-26

Graft survival

Accuracy of disincorporation for identification of vascular graft infection (Padberg et al). 1993;18:327 (Abstract)

Bleeding time as a predictor of early PTFE graft failure (Fowl et al). 1993;18:532 (Abstract)

Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26

Follow-up evaluation after renal artery bypass surgery with use of carbon dioxide arteriography and color-flow duplex scanning (Harward et al). 1993;18:23-30

Infrageniculate bypass graft entrapment (Carpenter et al). 1993;18:81-9 (Case rep.)

Is surveillance to detect failing PTFE bypasses worthwhile: twelve-year experience with 126 failing PTFE grafts (Sanchez et al). 1993;18:326-7 (Abstract)

Noninvasive impedance analysis: a new noninvasive test for graft surveillance (Arora et al). 1993;18:317 (Abstract)

Saphenous vein biopsy: a predictor of vein graft failure (Marin et al). 1993;18:407-15

Selective management of aortic graft infection based on extent of graft involvement (Welch et al). 1993;18:327-8 (Abstract)

Surgical management of infected PTFE hemodialysis grafts: analysis of a 15-year experience (Tabbara et al). 1993;18:531-2 (Abstract)

Is surveillance to detect failing polytetrafluoroethylene bypasses worthwhile?: Twelve-year experience with ninety-one grafts (Sanchez et al). 1993;18:981-90

Grafts; *see* **Transplantation**

Granulocytes

Mechanisms of reperfusion-induced microvascular dysfunction (Granger and Villareal). 1993;18:104-6 (Special comm.)

Greenfield filter

Penetration of the wall of an abdominal aortic aneurysm by a Greenfield filter prong: a late complication (Kurgan et al). 1993;18:303-6 (Case rep)

Guthrie Award

Guthrie award winner: interleukin-1β induces differential gene expression in aortic smooth muscle cells which promotes aneurysm formation (Keen et al). 1993;18:527 (Abstract)

H

Health Care Financing Administration; *see* **United States Health Care Financing Administration**

Hemodialysis

Basilic vein transposition: an underused autologous alternative to prosthetic dialysis angioaccess (Rivers et al). 1993;18:391-7

Failure of glow-discharge polymerization onto woven Dacron to improve performance of hemodialysis grafts (Farmer et al). 1993;18:570-6

Stenting of proximal venous obstructions to maintain hemodialysis access (Shoenfeld et al). 1993;18:318 (Abstract)

Surgical management of infected PTFE hemodialysis grafts: analysis of a 15-year experience (Tabbara et al). 1993;18:531-2 (Abstract)

Unilateral renal artery bypass for kidney salvage in high-risk patients requiring dialysis: Is it worth the effort? (Gennaro et al). 1993;18:320 (Abstract)

Hemodilution

The preservation of renal function by isovolemic hemodilution during aortic operations (Welch et al). 1993;18:858-66

Hemodynamics

Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures (Jacobs et al). 1993;18:1-9

Hemodynamic evaluation of a bioprosthetic venous prosthesis (DeLaria et al). 1993;18:577-86

Hemodynamics and aneurysm development in vascular allografts (Petersen et al). 1993;18:324 (Abstract), 1993;18:955-64

Periodic hemodynamics (flow motion) in peripheral arterial occlusive disease (Schmidt et al). 1993;18:207-15

Vein adaptation to the hemodynamic environment of infrainguinal grafts (Fillinger et al). 1993;18:536 (Abstract)

Hemorrhage
Regulation of splanchnic blood flow following hemorrhage/reperfusion injury (Myers). 1993;18:117-20 (Special comm.)
Heparin
Antithrombotic efficacy of low-molecular-weight heparin in deep arterial injury (Fry). 1993;18:339 (Abstract)
Efficacy and toxicity of differently charged polycationic protamine-like peptides for heparin anticoagulation reversal (DeLucia et al). 1993;18:49-60
Growth control of vein graft myointimal proliferation: heparin inhibits intimal proliferation due to trauma (Zwolak et al). 1993;18:541 (Abstract)
Prevention of deep vein thrombosis after elective hip surgery. A randomized trial comparing low molecular weight heparin with standard unfractionated heparin (Ricco). 1993;18:899-900 (Abstract)
Randomized trial of subcutaneous low-molecular weight heparin CY 216 (fraxiparine) compared with intravenous unfractionated heparin in the curative treatment of submassive pulmonary embolism (Hallett). 1993;18:727-8 (Abstract)
Subcutaneous low-molecular-weight heparin compared with continuous intravenous heparin in the treatment of proximal-vein thrombosis (Durham). 1993;18:339 (Abstract)
Hip prosthesis
Prevention of deep vein thrombosis after elective hip surgery. A randomized trial comparing low molecular weight heparin with standard unfractionated heparin (Ricco). 1993;18:899-900 (Abstract)
Hospital, community
Should carotid endarterectomy be performed at a community hospital? (Buchbinder et al). 1993;18:322 (Abstract)
Hypercholesterolemia
Low molecular weight heparin (enoxaparin) reduces restenosis after iliac angioplasty in the hypercholesterolemic rabbit (Cutler). 1993;18:150 (Abstract)
Hyperlipoproteinemia
Primary hyperlipoproteinemias (Ascer). 1993;18:146-7 (Book rev)
Hypertension
Distribution and quantification of venous reflux in lower extremity chronic venous stasis disease with duplex scanning (Weingarten et al). 1993;18:753-9
Hypertension, portal
Problems in general surgery: portal hypertension (vol. 9, no. 3) (Johansen). 1993;18:1079-80 (Book rev)
Hypertension, renal
Clinical diagnosis of renovascular hypertension: results of revascularization (Healy et al). 1993;18:316-7 (Abstract)
Simultaneous bilateral renal revascularization: predicting and assessing outcome in high-risk patients (Gusberg et al). 1993;18:542 (Abstract)
The value of tests predicting renovascular hypertension in patients with renal artery stenosis treated by angioplasty (Bandyk). 1993;18:336 (Abstract)
Hypothermia, induced
Protecting the ischemic spinal cord during aortic clamping: the influence of selective hypothermia (Wisselink et al). 1993;18:525-6 (Abstract)

I

Iliac artery
Femorofemoral bypass graft: analysis of patency and factors influencing long-term outcome (Criado et al). 1993;18:495-505
Intravascular ultrasonography before and after intervention: in vivo comparison with angiography (Gerritsen et al). 1993;18:31-40
Persistent sciatic artery: embryology, pathology, and treatment (Brantley et al). 1993;18:242-8
The preferential use of the external iliac artery as an inflow source for redo femoropopliteal and infrapopliteal bypass (Ascer et al). 1993;18:234-41
Iliac vein
Iliac vein compression syndrome: an unusual cause of varicocele (Bomalaski et al). 1993;18:1064-8 (Case rep)
Iliac vein compression syndrome
Iliac vein compression syndrome: an unusual cause of varicocele (Bomalaski et al). 1993;18:1064-8 (Case rep)
Imaging techniques; *see* **Diagnostic imaging**
Immunosuppression
Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26
Infrageniculate
Infrageniculate bypass graft entrapment (Carpenter et al). 1993;18:81-9 (Case rep.)
Infrainguinal arteries
Acute embolic occlusions of the infrainguinal arteries: percutaneous aspiration embolectomy in 102 patients (White). 1993;18:727 (Abstract)
Inguinal artery
An alternative method of salvaging occluded suprainguinal bypass grafts with operative angioscopy and endovascular intervention (White et al). 1993;18:922-31
Further experience with an all-autogenous tissue policy for infrainguinal reconstruction (Donaldson et al). 1993;18:41-8
Outcome of infrainguinal arterial reconstruction in women (Harris et al). 1993;18:627-36
Injections, subcutaneous
Randomized trial of subcutaneous low-molecular weight heparin CY 216 (fraxiparine) compared with intravenous unfractionated heparin in the curative treatment of submassive pulmonary embolism (Hallett). 1993;18:727-8 (Abstract)
Injuries, vascular
Peripheral vascular injuries in children (Eidt). 1993;18:338 (Abstract)
Innominate artery; *see* **Brachiocephalic trunk**
Innominate veins; *see* **Brachiocephalic veins**
Insulin-like growth factor-I
Autoradiographic mapping and characterization of insulin-like growth factor-I receptor binding in human greater saphenous vein (Sidawy et al). 1993;18:947-53
Insulin-like growth factor-I receptors in human saphenous vein (Sidawy et al). 1993;18:324 (Abstract)
Intensive care
Care of the critically ill patient, 2nd edition (Bunt and Mohr). 1993;18:332 (Book rev)
Intensive care medicine, 2nd edition (Messina). 1993;18:145 (Book rev)
Intercostal artery
Influence of segmental intercostal or lumbar arteries on postoperative paraplegia after thoracoabdominal aortic operations (Svensson et al). 1993;18:541-2 (Abstract)
Intercostal nerves
Flank bulge associated with retroperitoneal incisions: an anatomical and neurophysiological evaluation (Gardner et al). 1993;18:321-2 (Abstract)
Interferon-gamma, recombinant
The inhibition of neointimal hyperplasia by gamma interferon (Castronuovo et al). 1993;18:323-4 (Abstract)
Interleukin-1β
Guthrie award winner: interleukin-1β induces differential gene expression in aortic smooth muscle cells which promotes aneurysm formation (Keen et al). 1993;18:527 (Abstract)

Intermittent claudication
A case of cystic adventitial disease of the popliteal artery demonstrated by magnetic resonance imaging (Crolla et al). 1993;18:1052-5
Comparison of the natural history of intermittent claudication in males and females participating in The Framingham Heart Study (Leoni et al). 1993;18:537-8 (Abstract)
Hyperhomocyst (e) inaemia: an independent risk factor for intermittent claudication (Taylor). 1993;18:1083-4 (Abstract)
The natural history of patients with claudication with toe pressures of 40mm Hg or less (Bowers et al). 1993;18: 506-11
Intima; *see* **Tunica intima**
Intracellular adhesion molecules; *see* **Cell adhesion molecules**
Intraoperative period
Intraoperative autotransfusion in aortic surgery (Ouriel et al). 1993;18:16-22
Ischemia
Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? (Harris et al). 1993;18: 553-60
Ambient oxygen tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:939-46
Capillary recruitment and pain relief on leg dependency in patients with severe lower limb ischemia (Walker). 1993;18: 726 (Abstract)
Carotid endarterectomy for nonhemispheric ischemia: long-term follow-up (Ricotta et al). 1993;18:328 (Abstract)
Dobutamine stress echocardiography for cardiac risk assessment prior to aortic surgery (Langan et al). 1993;18:316 (Abstract)
Enterocyte alkaline phosphatase activity reflects the severity of intestinal reperfusion injury (Sisley). 1993;18:530-1 (Abstract)
Extension of limb salvage by adjunctive free tissue transfer (Serletti et al). 1993;18:325-6 (Abstract)
Extension of limb salvage by combined vascular reconstruction and adjunctive free-tissue transfer (Serletti et al). 1993;18: 972-80
Infrageniculate bypass graft entrapment (Carpenter et al). 1993;18:81-9 (Case rep.)
Limb salvage and wound coverage in patients with large ischemic ulcers: a multidisciplinary approach with revascularization and free tissue transfer (Ciresi et al). 1993;18: 648-55
Mediators of local and remote injury following gut ischemia (Hechtman). 1993;18:134-6 (Special comm.)
Multiple organ dysfunction after mesenteric artery revascularization (Harward et al). 1993;18:459-69
Outcome of infrainguinal arterial reconstruction in women (Harris et al). 1993;18:627-36
Practice guidelines: lower extremity revascularization (DeWeese et al). 1993;18:280-94 (Special article)
Protecting the ischemic spinal cord during aortic clamping: the influence of selective hypothermia (Wisselink et al). 1993; 18:525-6 (Abstract)
Regional adenosine attenuates postischemic spinal cord injury (Seibel et al). 1993;18:153-60
Role of neutrophils in the pathogenesis of microvascular dysfunction in postischemic skeletal muscle (Korthuis and Jerome). 1993;18:114-7 (Special comm.)
Simultaneous revascularization for critical coronary and peripheral vascular ischemia (Cambria). 1993;18:337 (Abstract)
Surgery for chronic lower extremity ischemia in patients eighty or more years of age: operative results and assessment of postoperative independence (Nehler et al). 1993;18:618-26
Therapy of experimental spinal cord ischemia (Zivin). 1993; 18:127-8 (Special comm.)
Tibial bypass grafting for limb salvage with ringed polytetrafluoroethylene prostheses: results of primary and secondary procedures (Schweiger et al). 1993;18:867-74
The use of endovascular techniques for the treatment of complications of aortic dissection (Walker et al). 1993;18: 1042-51
Ischemia-reperfusion injury; *see* **see Reperfusion injury**

J

Joint Council of the Society for Vascular Surgery
The resource-based relative value scale in vascular surgery—A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform (Hertzer and Noether). 1993;18:692-701
Jugular veins
Subclavian to jugular bypass for relief of intractable venous hypertension and salvage of hemodialysis access (Brown and McLaren). 1993;18:536-7 (Abstract)

K

Kidney failure, acute
The preservation of renal function by isovolemic hemodilution during aortic operations (Welch et al). 1993;18:858-66
Prognostic factors in acute renal failure following aortic aneurysm surgery (Turnipseed). 1993;18:725-6 (Abstract)
Suprarenal aortic occlusion (Tapper et al). 1993;18:372-80
Kidney failure, chronic
Avoiding infrainguinal bypass wound complications in patients with chronic renal insufficiency: the role of the anatomic plane (Blankensteijn et al). 1993;18:540-1 (Abstract)
Infrainguinal bypass in patients with end-stage renal disease (Baele et al). 1993;18:532 (Abstract)
Unilateral renal artery revascularization can salvage renal function and terminate dialysis in selected patients with uremia (Ascer et al). 1993;18:1012-8

L

Laser-doppler flowmetry
Periodic hemodynamics (flow motion) in peripheral arterial occlusive disease (Schmidt et al). 1993;18:207-15
Left-sided heart bypass
One-stage segmental resection of extensive thoracoabdominal aneurysms with left-sided heart bypass (Fehrenbacher et al). 1993;18:366-71
Leg
Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature (Hasaniya and Katzen). 1993;18:295-8 (Case rep)
Capillary recruitment and pain relief on leg dependency in patients with severe lower limb ischemia (Walker). 1993;18: 726 (Abstract)
Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures (Walker et al). 1993;18:561-9
Effect of temperature on digital systolic pressures in lower limb in arterial disease (Satiani). 1993;18:724 (Abstract)
Extension of limb salvage by adjunctive free tissue transfer (Serletti et al). 1993;18:325-6 (Abstract)
Extension of limb salvage by combined vascular reconstruction and adjunctive free-tissue transfer (Serletti et al). 1993;18: 972-80
The incidence of deep venous thrombosis in patients with superficial thrombophlebitis of the lower limbs (Jorgensen et al). 1993;18:70-3
Limitations of peroneal artery bypass grafting for limb salvage (Elliott et al). 1993;18:881-8

Leg—cont'd
Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities (Cambria et al). 1993;18:773-82
Optimal management of suspected lower-extremity deep vein thrombosis (Williams). 1993;18:900 (Abstract)
Outcome of infrainguinal arterial reconstruction in women (Harris et al). 1993;18:627-36
Practice guidelines: lower extremity revascularization (DeWeese et al). 1993;18:280-94 (Special article)
Surgery for chronic lower extremity ischemia in patients eighty or more years of age: operative results and assessment of postoperative independence (Nehler et al). 1993;18:618-26

Leg ulcer
Limb salvage and wound coverage in patients with large ischemic ulcers: a multidisciplinary approach with revascularization and free tissue transfer (Ciresi et al). 1993;18:648-55

Leiomyosarcoma
Leiomyosarcoma of the inferior vena cava—experience with 7 patients and literature review (McIntyre). 1993;18:149 (Abstract)

Letters
Letters to the editor. 1993;18:138-41, 544-7, 716-9, 895, 1071-8

Leukocyte
Leukocyte in vivo behavior (Arfors). 1993;18:107-8 (Special comm.)

Light reflection rheography; *see* **Photoplethysmography**

Lipid peroxidation
The contribution of oxygen free radicals and lipid peroxidation to cardiac dysfunction after burn injury (Horton). 1993;18:131-2 (Special comm.)

Lipids
Medical management of lipid disorders: focus on prevention of coronary artery disease (White). 1993;18:145-6 (Book rev)
Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy (McIntyre). 1993;18:896-7 (Abstract)

Lipoproteins
Lipoprotein profile in men with peripheral vascular disease (Baxter). 1993;18:336-7 (Abstract)
Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy (McIntyre). 1993;18:896-7 (Abstract)

Low molecular weight heparin; *see* **Enoxaparin**

Lumbar artery
Influence of segmental intercostal or lumbar arteries on postoperative paraplegia after thoracoabdominal aortic operations (Svensson et al). 1993;18:541-2 (Abstract)

Lumbar vertebrae
Lumbar spinal stenosis (Keenen). 1993;18:142-3 (Book rev)

Lung diseases, obstructive
Pulmonary risk factors of elective abdominal aortic surgery (Calligaro et al). 1993;18:914-21

Lymphatic system
Groin lymphatic complications following arterial reconstruction (Tynall et al). 1993;18:535 (Abstract)
Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities (Cambria et al). 1993;18:773-82

Lymphedema
Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities (Cambria et al). 1993;18:773-82

M

Macrophages
Perivascular monocyte/macrophage interaction with endothelium as a mechanism through which stroke-risk factors operate to increase stroke likelihood (Sirén et al). 1993;18:125-7 (Special comm.)

Magnetic resonance imaging
A case of cystic adventitial disease of the popliteal artery demonstrated by magnetic resonance imaging (Crolla et al). 1993;18:1052-5
Magnetic resonance imaging of angiographically occult runoff vessels in peripheral arterial occlusive disease (Cambria). 1993;18:1087 (Abstract)
Magnetic resonance venography for the detection of deep venous thrombosis: comparison with contrast venography and duplex Doppler ultrasonography (Carpenter et al). 1993;18:734-41

Malleus
Perimalleolar subcutaneous tissue pressure effects of elastic compression stockings (Nehler et al). 1993;18:783-8

Malpractice
Malpractice and the vascular surgeon (Giordano). 1993;18:901-4

Medicare
Costs of duplex scanning and the impact of the changes in Medicare reimbursement (Baker). 1993;18:702-7 (Special article)
Further developments concerning practice expense reimbursement in vascular surgery (Hertzer). 1993;18:895 (Letter)
The resource-based relative value scale in vascular surgery—A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform (Hertzer and Noether). 1993;18:692-701

Mesenteric arteries
Mediators of local and remote injury following gut ischemia (Hechtman). 1993;18:134-6 (Special comm.)
Multiple organ dysfunction after mesenteric artery revascularization (Harward et al). 1993;18:459-69

Metabolism
Cigarette smoke alters chylomicron metabolism in rats (Pan et al). 1993;18:161-69

Metalloproteinases
Expression and sequence of the gene for tissue inhibitor of metalloproteinases in patients with abdominal aortic aneurysms (Tilson et al). 1993;18:266-70

Metatarsophalangeal joint
Functional foot salvage after extensive plantar excision and amputations proximal to the standard transmetatarsal level (Patel et al). 1993;18:1030-6

Microcirculation
Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures (Jacobs et al). 1993;18:1-9
Microcirculatory dysfunction in ischemia/reperfusion injury: role of platelet activation factor (Duran et al). 1993;18:113-4 (Special comm.)
Role of neutrophils in the pathogenesis of microvascular dysfunction in postischemic skeletal muscle (Korthuis and Jerome). 1993;18:114-7 (Special comm.)

Molecular biology
The NHLBI programs of excellence in molecular biology (Mockin). 1993;18:102 (Special comm.)

Morbidity
Comparison of cardiac morbidity rates between aortic and

infrainguinal operations: two-year follow-up (Krupski et al). 1993;18:609-17

Multiple organ failure
Multiple organ dysfunction after mesenteric artery revascularization (Harward et al). 1993;18:459-69
Programmed cell death (apoptosis): a potential mechanism contributing to multiple organ dysfunction syndrome (Buchman). 1993;18:132-4 (Special comm.)
The systemic consequences of intestinal ischemia/reperfusion injury (Oldham et al). 1993;18:136-7 (Special comm.)

Muscle, smooth, vascular
Autoradiographic mapping and characterization of insulin-like growth factor-I receptor binding in human greater saphenous vein (Sidawy et al). 1993;18:947-53
Distribution of *c-myc* oncoprotein in healthy and atherosclerotic human carotid arteries (Marin et al). 1993;18:170-7
Effects of pulsatile pressure on smooth muscle cells (Watase et al). 1993;18:538 (Abstract)
Guthrie award winner: interleukin-1β induces differential gene expression in aortic smooth muscle cells which promotes aneurysm formation (Keen et al). 1993;18:527 (Abstract)
Human saphenous vein grafts explanted from the arterial circulation demonstrate altered smooth-muscle and endothelial responses (Park et al). 1993;18:61-9
The inhibition of neointimal hyperplasia by gamma interferon (Castronuovo et al). 1993;18:323-4 (Abstract)
Inhibition of neointimal smooth muscle accumulation after angioplasty by an antibody to PDGF. (Rapp). 1993;18:898-9 (Abstract)
Insulin-like growth factor-I receptors in human saphenous vein (Sidawy et al). 1993;18:324 (Abstract)
In reference to "In vitro evaluation of endothelial and smooth muscle function of primary varicose veins" (Sayers et al) (Letter); (Lowell et al) (Letter reply). 1993;18:138-9
Shear stress regulates smooth muscle proliferation and neointimal thickening in porous polytetrafluoroethylene grafts (Graham). 1993;18:551 (Abstract)

Myocardial infarction
Coronary vascular and myocardial injury from ischemia and reperfusion in canine models of acute myocardial infarction (Horowitz). 1993;18:120-1 (Special comm.)

Myocardial ischemia
The neutrophil in cardiac ischemia reperfusion injury (Entman et al). 1993;18:108-11 (Special comm.)

Myocardial reperfusion injury
Complement, neutrophils, and free radicals in myocardial reperfusion injury (Lucchesi). 1993;18:106-7 (Special comm.)
Coronary vascular and myocardial injury from ischemia and reperfusion in canine models of acute myocardial infarction (Horowitz). 1993;18:120-1 (Special comm.)
Endothelial adhesion molecules and myocardial ischemia-reperfusion injury (Lefer). 1993;18:121-3 (Special comm.)

Myocardial revascularization
Simultaneous revascularization for critical coronary and peripheral vascular ischemia (Cambria). 1993;18:337 (Abstract)

Myosin
Evidence implicating nonmuscle myosin in restenosis: use of in situ hybridization to analyze human vascular lesions obtained by directional atherectomy (Sicard). 1993;18:724-5 (Abstract)

N

Necrosis
Functional foot salvage after extensive plantar excision and amputations proximal to the standard transmetatarsal level (Patel et al). 1993;18:1030-6

Neointima hyperplasia
The inhibition of neointimal hyperplasia by gamma interferon (Castronuovo et al). 1993;18:323-4 (Abstract)

Neovascularization
Angiogenesis: key principles science technology medicine (Woltering). 1993;18:333-4 (Book rev)

Neutrophils
Complement, neutrophils, and free radicals in myocardial reperfusion injury (Lucchesi). 1993;18:106-7 (Special comm.)
The neutrophil in cardiac ischemia reperfusion injury (Entman et al). 1993;18:108-11 (Special comm.)
Role of neutrophils in the pathogenesis of microvascular dysfunction in postischemic skeletal muscle (Korthuis and Jerome). 1993;18:114-7 (Special comm.)

Noninvasive impedance analysis
Noninvasive impedance analysis: a new noninvasive test for graft surveillance (Arora et al). 1993;18:317 (Abstract)

North American Chapter of the International Society for Cardiovascular Surgery
The resource-based relative value scale in vascular surgery A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform (Hertzer and Noether). 1993;18:692-701

O

Omentum
Long-term results of tissue development and cell differentiation on Dacron prostheses seeded with microvascular cells in dogs (Baitella-Eberle et al). 1993;18:1019-28

Ovarian vein
Puerperal ovarian vein thrombosis (Brigham and Janheimer). 1993;18:320 (Abstract)

Oxygen tension
Ambient O_2 tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:323 (Abstract)

P

Paget-Schroetter syndrome
Improved management of the Paget-Schroetter syndrome secondary to thoracic outlet compression (Dalsing). 1993;18:1083 (Abstract)

Pedal arteries
Tourniquet occlusion technique for tibial artery reconstruction (Wagner et al). 1993;18:637-47

Peptide hydrolases
Analysis of the connective tissue matrix and proteolytic activity of primary varicose veins (Gandhi et al). 1993;18:814-20

Peptide peptidohydrolases
Connective tissue proteinases and inhibitors in abdominal aortic aneurysms (Dalsing). 1993;18:148 (Abstract)

Percutaneous atherectomy; *see* **Atherectomy**

Percutaneous transluminal angioplasty; *see* **Angioplasty, balloon**

Periarteritis nodosa
Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature (Hasaniya and Katzen). 1993;18:295-8 (Case rep)

Peripheral vascular diseases
Influence of age on venous physiologic parameters (Schina et al). 1993;18:749-52
Lipoprotein profile in men with peripheral vascular disease (Baxter). 1993;18:336-7 (Abstract)
Mortality over a period of 10 years in patients with peripheral

Peripheral vascular diseases—cont'd
arterial disease (Andros). 1993;18:151 (Abstract)
Peripheral venous aneurysms: improved recognition and natural history (Wasserman et al). 1993;18:320-1 (Abstract)
Role of angioscopy in the treatment of peripheral vascular disease with percutaneous atherectomy (White). 1993;18:340 (Abstract)
Peroneal artery
Are peroneal artery bypass grafts hemodynamically inferior to other tibial artery bypass grafts? (Raftery et al). 1993;18:536 (Abstract)
Limitations of peroneal artery bypass grafting for limb salvage (Elliott et al). 1993;18:881-8
Phlebography
The incidence of deep venous thrombosis in patients undergoing abdominal aortic aneurysm resection (Olin et al). 1993;18:1037-41
Light reflection rheography: a simple noninvasive screening test for deep vein thrombosis (Arora et al). 1993;18:767-72
Magnetic resonance venography for the detection of deep venous thrombosis: comparison with contrast venography and duplex Doppler ultrasonography (Carpenter et al). 1993;18:734-41
Phlebography as the gold standard in thromboprophylactic studies? (Mackey). 1993;18:896 (Abstract)
The significance of venography in the management of patients with clinically suspected pulmonary embolism (Welling). 1993;18:726-7 (Abstract)
Phlegmasia cerulea dolens
A case of phlegmasia cerulea dolens treated successfully with intravenous and intraarterial transcatheter thrombolysis (Criado). 1993;18:320 (Abstract)
Photoplethysmography
Light reflection rheography: a simple noninvasive screening test for deep vein thrombosis (Arora et al). 1993;18:767-72
Physician Payment Review Commission
Further developments concerning practice expense reimbursement in vascular surgery (Hertzer). 1993;18:895 (Letter)
Plasma
Relation of plasma lipid and apoprotein levels to progressive intimal hyperplasia after arterial endarterectomy (McIntyre). 1993;18:896-7 (Abstract)
Platelet activation factor
Microcirculatory dysfunction in ischemia/reperfusion injury: role of platelet activation factor (Duran et al). 1993;18:113-4 (Special comm.)
Platelet-derived growth factor
Inhibition of neointimal smooth muscle accumulation after angioplasty by an antibody to PDGF. (Rapp). 1993;18:898-9 (Abstract)
Platelets; *see* **Blood platelets**
Plethysmography
Can air plethysmography accurately identify upper extremity deep venous thrombosis? (Gardner et al). 1993;18:808-13
Does air plethysmography correlate with duplex scanning in patients with chronic venous insufficiency (van Bemmelen et al). 1993;18:796-807
Implication of noninvasive venous testing in the selection of patients for venous reconstructive surgery (Iafrati et al). 1993;18:539 (Abstract)
Influence of age on venous physiologic parameters (Schina et al). 1993;18:749-52
With regard to "The role of air plethysmography in monitoring results of venous surgery" (Payne et al) (Letter); (Gillespie) (Letter reply). 1993;18:139-40
Polyarteritis nodosa; *see* **Periarteritis nodosa**
Polyethylene terephthalate
Long-term results of tissue development and cell differentiation on Dacron prostheses seeded with microvascular cells in dogs (Baitella-Eberle et al). 1993;18:1019-28
Polytetrafluoroethylene
Bleeding time as a predictor of early PTFE graft failure (Fowl et al). 1993;18:532 (Abstract)
Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures (Jacobs et al). 1993;18:1-9
The effect of carbon coating and porosity on early patency of expanded polytetrafluoroethylene grafts: An experimental study (Akers et al). 1993;18:10-5
Failure of glow-discharge polymerization onto woven Dacron to improve performance of hemodialysis grafts (Farmer et al). 1993;18:570-6
Is surveillance to detect failing PTFE bypasses worthwhile: twelve-year experience with 126 failing PTFE grafts (Sanchez et al). 1993;18:326-7 (Abstract)
Percutaneous transfemoral insertion of a stented graft to repair a traumatic femoral arteriovenous fistula (Marin et al). 1993;18:299-302 (Case rep)
Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts (Saad et al). 1993;18:587-95
Shear stress regulates smooth muscle proliferation and neointimal thickening in porous polytetrafluoroethylene grafts (Graham). 1993;18:551 (Abstract)
Surgical management of infected PTFE hemodialysis grafts: analysis of a 15-year experience (Tabbara et al). 1993;18:531-2 (Abstract)
Is surveillance to detect failing polytetrafluoroethylene bypasses worthwhile?: Twelve-year experience with ninety-one grafts (Sanchez et al). 1993;18:981-90
Tibial bypass grafting for limb salvage with ringed polytetrafluoroethylene prostheses: results of primary and secondary procedures (Schweiger et al). 1993;18:867-74
Popliteal artery
A case of cystic adventitial disease of the popliteal artery demonstrated by magnetic resonance imaging (Crolla et al). 1993;18:1052-5
Platelet aggregometry can accurately predict failure of externally supported knitted Dacron femoropopliteal bypass grafts (Saad et al). 1993;18:587-95
Popliteal vein entrapment presenting as deep venous thrombosis and chronic venous insufficiency (Gerkin et al). 1993;18:760-6
Popliteal vein
Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? (Harris et al). 1993;18:553-60
Late nonfatal and fatal cardiac events after infrainguinal bypass for femoropopliteal occlusive disease during a thirty-one-year period (Dawson et al). 1993;18:249-60
Popliteal vein entrapment presenting as deep venous thrombosis and chronic venous insufficiency (Gerkin et al). 1993;18:760-6
Popliteal venous aneurysm: report of two cases and review of the world literature (Aldridge et al). 1993;18:708-15 (Case rep)
Refinements in the ultrasonic detection of popliteal vein reflux (Araki et al). 1993;18:742-8
Prevention and control
Cefamandole versus cefazolin in vascular surgical wound infection prophylaxis: cost-effectiveness and risk factors (Edwards et al). 1993;18:470-6

Profunda femoris
The current role of profundaplasty in complex peripheral arterial reconstruction (Jacobs et al). 1993;18:534-5 (Abstract)
Profundaplasty
The current role of profundaplasty in complex peripheral arterial reconstruction (Jacobs et al). 1993;18:534-5 (Abstract)
Prophylaxis; *see* **Prevention and control**
Propranolol
Growth of aortic aneurysms is reduced by propranolol in a hypertensive rat model (Slaiby et al). 1993;18:540 (Abstract)
Prosthesis-related infections
Accuracy of disincorporation for identification of vascular graft infection (Padberg et al). 1993;18:327 (Abstract)
Management of aortic graft infection: long-term results with graft excision and extraanatomic revascularization (Watson et al). 1993;18:537 (Abstract)
The management of the infected aortic prosthesis: a current ten-year experience (Sharp et al). 1993;18:533-4 (Abstract)
Regarding "Use of antibiotic-bonded graft for in situ reconstruction after prosthetic graft infections" (Miller) (Letter); (Moore) (Letter reply). 1993;18:1075-7
Rotational muscle flaps to treat localized prosthetic graft infection: long-term follow-up (Perler et al). 1993;18:358-65
Selective management of aortic graft infection based on extent of graft involvement (Welch et al). 1993;18:327-8 (Abstract)
In situ replacement of infected vascular prostheses with rifampin-soaked vascular grafts (Strachan and Avramovic). 1993;18:1075 (Letter)
Treatment of bacteria-biofilm graft infection by in situ replacement in normal and immune-deficient states (Bandyk et al). 1993;18:398-406
Protamines
Efficacy and toxicity of differently charged polycationic protamine-like peptides for heparin anticoagulation reversal (DeLucia et al). 1993;18:49-60
Protein C
Hereditary protein S deficiency in a large New Jersey kindred (Wilkerson et al). 1993;18:932-8
Proteinases; *see* **Peptide peptidohydrolases**
Proteolytic enzymes; *see* **Peptide hydrolases**
Proto-oncogene proteins C-*myc*
Distribution of c-*myc* oncoprotein in healthy and atherosclerotic human carotid arteries (Marin et al). 1993;18:170-7
Pseudoaneurysm; *see* **Aneurysm, false**
A distal anastomotic pseudoaneurysm after tibial artery vein bypass in an immunosuppressed patient (Chalmers et al). 1993;18:545-7 (Letter)
Puerperal disorders
Puerperal ovarian vein thrombosis (Brigham and Janheimer). 1993;18:320 (Abstract)
Pulmonary embolism
Complications and validity of pulmonary angiography in acute pulmonary embolism (Cutler). 1993;18:337-8 (Abstract)
Long-term experience with transvenous catheter pulmonary embolectomy (Greenfield et al). 1993;18:450-8
Randomized trial of subcutaneous low-molecular weight heparin CY 216 (fraxiparine) compared with intravenous unfractionated heparin in the curative treatment of submassive pulmonary embolism (Hallett). 1993;18:727-8 (Abstract)
The significance of venography in the management of patients with clinically suspected pulmonary embolism (Welling). 1993;18:726-7 (Abstract)
Pulsatile flow
Effects of pulsatile pressure on smooth muscle cells (Watase et al). 1993;18:538 (Abstract)

R

Radiology
Current practice of interventional radiology (Harley). 1993;18:331-2 (Book rev)
Interventional radiology (Schwarten). 1993;18:143 (Book rev)
Radionuclide imaging
Noninvasive evaluation of the lymphatic system with lymphoscintigraphy: a prospective, semiquantitative analysis in 386 extremities (Cambria et al). 1993;18:773-82
Raynaud's disease
Deficiency of calcitonin gene-related peptide in Raynaud's phenomenon (McIntyre). 1993;18:151-2 (Abstract)
Reactive oxygen species
Mechanisms of reperfusion-induced microvascular dysfunction (Granger and Villareal). 1993;18:104-6 (Special comm.)
Relative value scales
Costs of duplex scanning and the impact of the changes in Medicare reimbursement (Baker). 1993;18:702-7 (Special article)
The resource-based relative value scale in vascular surgery—A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform (Hertzer and Noether). 1993;18:692-701
Renal artery
Follow-up evaluation after renal artery bypass surgery with use of carbon dioxide arteriography and color-flow duplex scanning (Harward et al). 1993;18:23-30
The preservation of renal function by isovolemic hemodilution during aortic operations (Welch et al). 1993;18:858-66
"Redo" vascular surgery: renal aorto-iliac and infrainguinal areas (Keagy). 1993;18:1079 (Book rev)
Unilateral renal artery bypass for kidney salvage in high-risk patients requiring dialysis: Is it worth the effort? (Gennaro et al). 1993;18:320 (Abstract)
Unilateral renal artery revascularization can salvage renal function and terminate dialysis in selected patients with uremia (Ascer et al). 1993;18:1012-8
Renal artery obstruction
The coronary risk of unsuspected renal artery stenosis (Valentine et al). 1993;18:433-40
Early postoperative occlusions of renal artery reconstructions: a review of management options (Stone et al). 1993;18:525 (Abstract)
Percutaneous transluminal renal angioplasty versus surgical reconstruction of atherosclerotic renal artery stenosis: a prospective randomized study (Weibull et al). 1993;18:841-52
Renal duplex sonography after treatment of renovascular disease (Hudspeth et al). 1993;18:381-90
Simultaneous bilateral renal revascularization: predicting and assessing outcome in high-risk patients (Gusberg et al). 1993;18:542 (Abstract)
The value of tests predicting renovascular hypertension in patients with renal artery stenosis treated by angioplasty (Bandyk). 1993;18:336 (Abstract)
Renal failure, acute; *see* **Kidney failure, acute**
Renal failure, chronic; *see* **Kidney failure, chronic**
Renal insufficiency, chronic; *see* **Kidney failure, chronic**
Renal vein
Aorta left renal vein fistula syndrome caused by rupture of a

Renal vein—cont'd
juxtarenal abdominal aortic aneurysm: novel pathologic mechanism for a unique clinical entity (Thompson et al). 1993;18:310-5 (Case rep)
Renal veins
Suprarenal inferior vena caval resection with bilateral renal vein reconstruction for an infected inferior vena cava mass (White et al). 1993;18:319 (Abstract)
Reperfusion
Mediators of local and remote injury following gut ischemia (Hechtman). 1993;18:134-6 (Special comm.)
Reperfusion injury
Enterocyte alkaline phosphatase activity reflects the severity of intestinal reperfusion injury (Sisley). 1993;18:530-1 (Abstract)
Induction of endogenous myocardial defenses against scheduled ischemia and reperfusion (Banerjee et al). 1993;18:123-5 (Special comm.)
Ischemia, reperfusion, and organ dysfunction: biochemical and cellular events (Ward and Seacamp). 1993;18:111 (Special comm.)
Ischemia reperfusion injury (Walker). 1993;18:111-3 (Special comm.)
Ischemia/reperfusion syndromes: clinical relevance (Perry). 1993;18:102-4 (Special comm.)
Mechanisms of reperfusion-induced microvascular dysfunction (Granger and Villareal). 1993;18:104-6 (Special comm.)
Microcirculatory dysfunction in ischemia/reperfusion injury: role of platelet activation factor (Duran et al). 1993;18:113-4 (Special comm.)
The neutrophil in cardiac ischemia reperfusion injury (Entman et al). 1993;18:108-11 (Special comm.)
Regulation of splanchnic blood flow following hemorrhage/reperfusion injury (Myers). 1993;18:117-20 (Special comm.)
Role of neutrophils in the pathogenesis of microvascular dysfunction in postischemic skeletal muscle (Korthuis and Jerome). 1993;18:114-7 (Special comm.)
The systemic consequences of intestinal ischemia/reperfusion injury (Oldham et al). 1993;18:136-7 (Special comm.)
Research
The crisis in clinical research: overcoming institutional obstacles (LoGerfo). 1993;18:1080-1 (Book rev)
Resource-based relative value scale; *see* **Relative value scales**
Respiratory distress syndrome, adult
Endotoxemia after major vascular operations (Roumen et al). 1993;18:853-7
Revascularization
Clinical diagnosis of renovascular hypertension: results of revascularization (Healy et al). 1993;18:316-7 (Abstract)
Practice guidelines: lower extremity revascularization (DeWeese et al). 1993;18:280-94 (Special article)
The role of the deep femoral artery as an inflow site for infrainguinal revascularization (Mills et al). 1993;18:416-23
Rheology
Rheologic mechanisms in brain ischemia: regulatory aspects (Coull). 1993;18:128-31 (Special comm.)
Risk factors
Analysis of risk factors for surgical wound infections following vascular surgery (Ricco). 1993;18:1086-7 (Abstract)
Hyperhomocyst(e)inaemia: an independent risk factor for intermittent claudication (Taylor). 1993;18:1083-4 (Abstract)
Pulmonary risk factors of elective abdominal aortic surgery (Calligaro et al). 1993;18:317-8 (Abstract)

S

Salmine
Efficacy and toxicity of differently charged polycationic protamine-like peptides for heparin anticoagulation reversal (DeLucia et al). 1993;18:49-60
Saphenous vein
Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? (Harris et al). 1993;18:553-60
Ambient oxygen tension modulates endothelial fibrinolysis (Gertler et al). 1993;18:939-46
An assessment of the long saphenous vein for potential use as a vascular conduit after varicose vein surgery (Fligelstone et al). 1993;18:836-40
Autoradiographic mapping and characterization of insulin-like growth factor-I receptor binding in human greater saphenous vein (Sidawy et al). 1993;18:947-53
Cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:324-5 (Abstract)
Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures (Walker et al). 1993;18:561-9
Early results with cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:965-71
Endovascular in situ saphenous vein bypass grafting (Cikrit et al). 1993;18:525 (Abstract)
Failure of cryopreserved saphenous vein allografts following infrainguinal arterial reconstructions (Iliopoulos et al). 1993;18:533 (Abstract)
Foot volumetry can predict recurrent ulceration after subfascial ligation of perforators and saphenous ligation (Bradbury and Ruckley). 1993;18:789-95
Further experience with an all-autogenous tissue policy for infrainguinal reconstruction (Donaldson et al). 1993;18:41-8
Human saphenous vein grafts explanted from the arterial circulation demonstrate altered smooth-muscle and endothelial responses (Park et al). 1993;18:61-9
Insulin-like growth factor-I receptors in human saphenous vein (Sidawy et al). 1993;18:324 (Abstract)
Preoperative duplex venous mapping: a comparison of positional techniques in normal and atherosclerotic patients (Blebea et al). 1993;18:531 (Abstract)
Randomized prospective study of angioscopically assisted in situ saphenous vein grafting (Clair et al). 1993;18:539 (Abstract)
Saphenous vein angioscopy: a valuable method to detect unsuspected venous disease (Sales et al). 1993;18:199-206
Saphenous vein biopsy: a predictor of vein graft failure (Marin et al). 1993;18:407-15
Sciatic artery, pathology
Persistent sciatic artery: embryology, pathology, and treatment (Brantley et al). 1993;18:242-8
Science
Basic science review for surgeons (Gusberg). 1993;18:1081-2 (Book rev)
Scintigraphy; *see* **Radionuclide imaging**
Shock
Endotoxemia after major vascular operations (Roumen et al). 1993;18:853-7
Smoke
Cigarette smoke alters chylomicron metabolism in rats (Pan et al). 1993;18:161-69
Special articles
Special articles. 1993;18:280-93, 692-707
Special communications
Special communications. 1993;18:102-37
Specialty boards
Editorial (Porter). 1993;18:100-1 (Editorial)
Spinal cord
Protecting the ischemic spinal cord during aortic clamping: the

influence of selective hypothermia (Wisselink et al). 1993; 18:525-6 (Abstract)
Spinal cord stimulation evoked potentials during thoracoabdominal aortic aneurysm surgery (Coselli). 1993;18:1084 (Abstract)

Spinal cord injuries
Regional adenosine attenuates postischemic spinal cord injury (Seibel et al). 1993;18:153-60
Therapy of experimental spinal cord ischemia (Zivin). 1993; 18:127-8 (Special comm.)

Spinal stenosis
Lumbar spinal stenosis (Keenen). 1993;18:142-3 (Book rev)

Splanchnic circulation
Regulation of splanchnic blood flow following hemorrhage/reperfusion injury (Myers). 1993;18:117-20 (Special comm.)
The systemic consequences of intestinal ischemia/reperfusion injury (Oldham et al). 1993;18:136-7 (Special comm.)

Staphylococcus epidermis
Treatment of bacteria-biofilm graft infection by in situ replacement in normal and immune-deficient states (Bandyk et al). 1993;18:398-406

Stents
Stenting of proximal venous obstructions to maintain hemodialysis access (Shoenfeld et al). 1993;18:318 (Abstract)
Transluminal placement of a prosthetic graft-stent device for treatment of subclavian artery aneurysm (May et al). 1993; 18:1056-9

Stockings, compression; *see* **Bandages**

Stroke; *see* **Cerebrovascular disorder**

Subclavian artery
Carotid subclavian bypass for internal mammary coronary arterial graft steal (Lamparello et al). 1993;18:320 (Abstract)
Surgery of the arteries to the head (Taylor). 1993;18:723 (Book rev)
Transluminal placement of a prosthetic graft-stent device for treatment of subclavian artery aneurysm (May et al). 1993; 18:1056-9

Subclavian steal syndrome
Carotid subclavian bypass for internal mammary coronary arterial graft steal (Lamparello et al). 1993;18:320 (Abstract)
Symptomatic subclavian steal syndrome four decades after operation for dysphagia lusoria (Ciocca et al). 1993;18:321 (Abstract)

Subclavian vein
Can air plethysmography accurately identify upper extremity deep venous thrombosis? (Gardner et al). 1993;18:808-13
Stenting of proximal venous obstructions to maintain hemodialysis access (Shoenfeld et al). 1993;18:318 (Abstract)
Subclavian to jugular bypass for relief of intractable venous hypertension and salvage of hemodialysis access (Brown and McLaren). 1993;18:536-7 (Abstract)

Subcutaneous tissue
Perimalleolar subcutaneous tissue pressure effects of elastic compression stockings (Nehler et al). 1993;18:783-8

Superior vena cava syndrome
Bypass of superior vena cava (Quiñones-Baldrich). 1993;18: 148-9 (Abstract)

Surgery
Current surgical therapy, 4th edition (Fry). 1993;18:144 (Book rev)
Principles of trauma surgery (Johansen). 1993;18:144-5 (Book rev)

Surgery, endovascular
Endovascular surgery, 2nd edition (Stoney and Murray). 1993;18:722 (Book rev)

Surgery, vascular
Atlas of venous surgery (Lalka). 1993;18:332-3 (Book rev)
Current critical problems in vascular surgery, volume 4 (Baur). 1993;18:1080 (Book rev)
Editorial (Porter). 1993;18:100-1 (Editorial)
With regard to "The role of air plethysmography in monitoring results of venous surgery" (Payne et al) (Letter); (Gillespie) (Letter reply). 1993;18:139-40

Surgical flaps
Extension of limb salvage by combined vascular reconstruction and adjunctive free-tissue transfer (Serletti et al). 1993;18: 972-80
Rotational muscle flaps to treat localized prosthetic graft infection: long-term follow-up (Perler et al). 1993;18: 358-65

Surgical wound infection
Analysis of risk factors for surgical wound infections following vascular surgery (Ricco). 1993;18:1086-7 (Abstract)
Cefamandole versus cefazolin in vascular surgical wound infection prophylaxis: cost-effectiveness and risk factors (Edwards et al). 1993;18:470-6

Sutures
Compliance of vascular anastomoses with polybutester and polypropylene sutures (Megerman et al). 1993;18:827-34

Swedish Aspirin Low-dose Trial
Swedish aspirin low-dose trial (SALT) of 75 mg aspirin as secondary prophylaxis after cerebral ischaemic events (Ricotta). 1993;18:551 (Abstract)

T

Thoracic outlet syndrome
Improved management of the Paget-Schroetter syndrome secondary to thoracic outlet compression (Dalsing). 1993; 18:1083 (Abstract)

Thrombolysis; *see* **Thrombolytic therapy**

Thrombolytic therapy
A case of phlegmasia cerulea dolens treated successfully with intravenous and intraarterial transcatheter thrombolysis (Criado). 1993;18:320 (Abstract)
The late outcome of a prospective study of thrombolytic treatment of native arterial and bypass graft occlusion (Chalmers et al). 1993;18:325 (Abstract)
Thrombolysis for occluded vein bypass grafts through surgical access (Sladen et al). 1993;18:1071-3

Thrombophlebitis
Can air plethysmography accurately identify upper extremity deep venous thrombosis? (Gardner et al). 1993;18:808-13
Deep venous insufficiency: the relationship between lysis and subsequent reflux (Meissner et al). 1993;18:596-608
Hereditary protein S deficiency in a large New Jersey kindred (Wilkerson et al). 1993;18:932-8
The incidence of deep venous thrombosis in patients undergoing abdominal aortic aneurysm resection (Olin et al). 1993;18:1037-41
The incidence of deep venous thrombosis in patients with superficial thrombophlebitis of the lower limbs (Jorgensen et al). 1993;18:70-3
Influence of age on venous physiologic parameters (Schina et al). 1993;18:749-52
Light reflection rheography: a simple noninvasive screening test for deep vein thrombosis (Arora et al). 1993;18:767-72
Magnetic resonance venography for the detection of deep venous thrombosis: comparison with contrast venography and duplex Doppler ultrasonography (Carpenter et al). 1993;18:734-41
Optimal management of suspected lower-extremity deep vein thrombosis (Williams). 1993;18:900 (Abstract)
Outpatient duplex scanning for deep vein thrombosis: parameters predictive of a negative study result (Nypaver et al). 1993;18:821-6

Thrombophlebitis – cont'd
Phlebography as the gold standard in thromboprophylactic studies? (Mackey). 1993;18:896 (Abstract)
Popliteal vein entrapment presenting as deep venous thrombosis and chronic venous insufficiency (Gerkin et al). 1993;18:760-6
Prevention of deep vein thrombosis after elective hip surgery. A randomized trial comparing low molecular weight heparin with standard unfractionated heparin (Ricco). 1993;18:899-900 (Abstract)
Thrombus regression in deep venous thrombosis (Messina). 1993;18:1085-6 (Abstract)
Thrombosis
Antithrombotic efficacy of low-molecular-weight heparin in deep arterial injury (Fry). 1993;18:339 (Abstract)
Puerperal ovarian vein thrombosis (Brigham and Janheimer). 1993;18:320 (Abstract)
Rheologic mechanisms in brain ischemia: regulatory aspects (Coull). 1993;18:128-31 (Special comm.)
Subcutaneous low-molecular-weight heparin compared with continuous intravenous heparin in the treatment of proximal-vein thrombosis (Durham). 1993;18:339 (Abstract)
Thrombosis in cardiovascular disorders (Clagett). 1993;18:1082 (Book rev)
Thrombosis, venous; *see* Thrombophlebitis
Tibial arteries
Acute compartment syndrome of both lower legs caused by ruptured tibial artery aneurysm in a patient with polyarteritis nodosa: a case report and review of literature (Hasaniya and Katzen). 1993;18:295-8 (Case rep)
Are peroneal artery bypass grafts hemodynamically inferior to other tibial artery bypass grafts? (Raftery et al). 1993;18:536 (Abstract)
A distal anastomotic pseudoaneurysm after tibial artery vein bypass in an immunosuppressed patient (Chalmers et al). 1993;18:545-7 (Letter)
Effect of temperature on digital systolic pressures in lower limb in arterial disease (Satiani). 1993;18:724 (Abstract)
Tibial bypass grafting for limb salvage with ringed polytetrafluoroethylene prostheses: results of primary and secondary procedures (Schweiger et al). 1993;18:867-74
Tourniquet occlusion technique for tibial artery reconstruction (Wagner et al). 1993;18:637-47
Toe pressures
The natural history of patients with claudication with toe pressures of 40mm Hg or less (Bowers et al). 1993;18:506-11
Tourniquets
Tourniquet occlusion technique for tibial artery reconstruction (Wagner et al). 1993;18:637-47
Trachea
Simultaneous tracheobronchial and esophageal obstruction caused by a descending thoracic aneurysm (Cooke and Cambria). 1993;18:90-4 (Case rep.)
Transient ischemic attack; *see* Cerebral ischemia, transient
Transplantation
Creation of a distal arteriovenous fistula improves microcirculatory hemodynamics of prosthetic graft bypass in secondary limb salvage procedures (Jacobs et al). 1993;18:1-9
Transplantation, autologous
Basilic vein transposition: an underused autologous alternative to prosthetic dialysis angioaccess (Rivers et al). 1993;18:391-7
Compliance of vascular anastomoses with polybutester and polypropylene sutures (Megerman et al). 1993;18:827-34
Further experience with an all-autogenous tissue policy for infrainguinal reconstruction (Donaldson et al). 1993;18:41-8
Limb salvage and wound coverage in patients with large ischemic ulcers: a multidisciplinary approach with revascularization and free tissue transfer (Ciresi et al). 1993;18:648-55
Limitations of peroneal artery bypass grafting for limb salvage (Elliott et al). 1993;18:881-8
Transplantation, homologous
Allograft vein bypass: Is it an acceptable alternative for infrapopliteal revascularization? (Harris et al). 1993;18:553-60
Cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:324-5 (Abstract)
Cryopreserved venous allografts: effects of immunosuppression and antiplatelet therapy on patency and function (Miller et al). 1993;18:216-26
Early experience with cryopreserved saphenous vein allografts as a conduit for complex limb-salvage procedures (Walker et al). 1993;18:561-9
Early results with cryopreserved saphenous vein allografts for infrainguinal bypass (Shah et al). 1993;18:965-71
Failure of cryopreserved saphenous vein allografts following infrainguinal arterial reconstructions (Iliopoulos et al). 1993;18:533 (Abstract)
Hemodynamics and aneurysm development in vascular allografts (Petersen et al). 1993;18:324 (Abstract), 1993;18:955-64
Trauma; *see* Wounds and injuries
Tunica intima
Growth control of vein graft myointimal proliferation: heparin inhibits intimal proliferation due to trauma (Zwolak et al). 1993;18:541 (Abstract)
Shear stress regulates smooth muscle proliferation and neointimal thickening in porous polytetrafluoroethylene grafts (Graham). 1993;18:551 (Abstract)
Treatment of chronic expanding dissecting aneurysms of the descending thoracic and upper abdominal aorta by extended aortotomy, removal of the dissected intima, and closure (Williams). 1993;18:441-9

U

***Ulex europaeus* I**
Glycoconjugate mediated endothelial cell adhesion to Dacron polyester film (Ozaki et al). 1993;18:486-94
Ultrasonics
Combination balloon-ultrasound imaging catheter for percutaneous transluminal angioplasty (White). 1993;18:150-1 (Abstract)
Diagnostic vascular ultrasound (Moneta). 1993;18:146 (Book rev)
Distribution and quantification of venous reflux in lower extremity chronic venous stasis disease with duplex scanning (Weingarten et al). 1993;18:753-9
The incidence of deep venous thrombosis in patients with superficial thrombophlebitis of the lower limbs (Jorgensen et al). 1993;18:70-3
Intravascular ultrasound imaging (Primozich). 1993;18:722-3 (Book rev)
Noninvasive quantification of atherosclerotic lesions (Walsh). 1993;18:726 (Abstract)
Peripheral vascular sonography: a practical guide (Primozich). 1993;18:721-2 (Book rev)
Refinements in the ultrasonic detection of popliteal vein reflux (Araki et al). 1993;18:742-8
Regarding "Treatment of iatrogenic femoral artery injuries with ultrasound-guided compression" (Graham et al) (Letter); (Feld et al) (Letter reply). 1993;18:140-1
Ultrasonography
Analysis of the connective tissue matrix and proteolytic activity of primary varicose veins (Gandhi et al). 1993;18:814-20

Arterial adaption to increased wall shear stress (Bendick et al). 1993;18:530 (Abstract)
Color-flow duplex scanning of carotid arteries: new velocity criteria based on roc analysis for threshold stenoses used in the symptomatic and asymptomatic carotid trials (Faught et al). 1993;18:527-8 (Abstract)
Compliance of vascular anastomoses with polybutester and polypropylene sutures (Megerman et al). 1993;18:827-34
Costs of duplex scanning and the impact of the changes in Medicare reimbursement (Baker). 1993;18:702-7 (Special article)
Deep venous insufficiency: the relationship between lysis and subsequent reflux (Meissner et al). 1993;18:596-608
Does air plethysmography correlate with duplex scanning in patients with chronic venous insufficiency (van Bemmelen et al). 1993;18:796-807
Follow-up evaluation after renal artery bypass surgery with use of carbon dioxide arteriography and color-flow duplex scanning (Harward et al). 1993;18:23-30
Implication of noninvasive venous testing in the selection of patients for venous reconstructive surgery (Iafrati et al). 1993;18:539 (Abstract)
Intraoperative duplex scanning and late carotid stenosis (Baker et al). 1993;18:528 (Abstract)
Intravascular ultrasonography before and after intervention: in vivo comparison with angiography (Gerritsen et al). 1993;18:31-40
Introduction to vascular ultrasonography, 3rd edition (Harward). 1993;18:334-5 (Book rev)
Magnetic resonance venography for the detection of deep venous thrombosis: comparison with contrast venography and duplex Doppler ultrasonography (Carpenter et al). 1993;18:734-41
Noninvasive impedance analysis: a new noninvasive test for graft surveillance (Arora et al). 1993;18:317 (Abstract)
Outpatient duplex scanning for deep vein thrombosis: parameters predictive of a negative study result (Nypaver et al). 1993;18:821-6
Preoperative duplex venous mapping: a comparison of positional techniques in normal and atherosclerotic patients (Blebea et al). 1993;18:531 (Abstract)
Quantitative measurement of venous incompetence (Medical Intelligence Unit Series) (Gloviczki). 1993;18:548-9 (Book rev)
Renal duplex sonography after treatment of renovascular disease (Hudspeth et al). 1993;18:381-90
The role of duplex scanning and arteriography before carotid endarterectomy: a prospective study (Dawson et al). 1993;18:673-83
Successful management of traumatic false aneurysm of the extracranial vertebral artery by duplex-directed manual occlusion: a case report (Feinberg et al). 1993;18:889-94 (Case rep)
Three-dimensional spiral computed tomographic angiography: an alternative imaging modality for the abdominal aorta and its branches (Rubin et al). 1993;18:656-65
Vein adaptation to the hemodynamic environment of infrainguinal grafts (Fillinger et al). 1993;18:536 (Abstract)

United States Health Care Financing Administration
The resource-based relative value scale in vascular surgery A report of the activities of the Joint Council of the Society for Vascular Surgery and the North American Chapter of the International Society for Cardiovascular Surgery in Medicare reimbursement reform (Hertzer and Noether). 1993;18:692-701

Uremia
Unilateral renal artery revascularization can salvage renal function and terminate dialysis in selected patients with uremia (Ascer et al). 1993;18:1012-8

V

Varicocele
Iliac vein compression syndrome: an unusual cause of varicocele (Bomalaski et al). 1993;18:1064-8 (Case rep)

Varicose ulcer
Distribution and quantification of venous reflux in lower extremity chronic venous stasis disease with duplex scanning (Weingarten et al). 1993;18:753-9
Does air plethysmography correlate with duplex scanning in patients with chronic venous insufficiency (van Bemmelen et al). 1993;18:796-807
Foot volumetry can predict recurrent ulceration after subfascial ligation of perforators and saphenous ligation (Bradbury and Ruckley). 1993;18:789-95
Regarding "Venous ulcers and the superficial venous system" (Goren) (Letter); (Shami) (Letter reply). 1993;18:716-9

Varicose veins
Analysis of the connective tissue matrix and proteolytic activity of primary varicose veins (Gandhi et al). 1993;18:814-20
An assessment of the long saphenous vein for potential use as a vascular conduit after varicose vein surgery (Fligelstone et al). 1993;18:836-40
In reference to "In vitro evaluation of endothelial and smooth muscle function of primary varicose veins" (Sayers et al) (Letter); (Lowell et al) (Letter reply). 1993;18:138-9
Varicose veins and related disorders (Bergan). 1993;18:723 (Book rev)

Vascular diseases
Pulmonary risk factors of elective abdominal aortic surgery (Calligaro et al). 1993;18:914-21
Saphenous vein angioscopy: a valuable method to detect unsuspected venous disease (Sales et al). 1993;18:199-206
The use of angioplasty, bypass surgery, and amputation in the management of peripheral vascular disease (Rosenthal). 1993;18:552 (Abstract)

Vascular diseases, occlusive
Alloxan diabetes alters the rabbit transarterial wall oxygen gradient (Santilli et al). 1993;18:227-33
The coronary risk of unsuspected renal artery stenosis (Valentine et al). 1993;18:433-40
Late nonfatal and fatal cardiac events after infrainguinal bypass for femoropopliteal occlusive disease during a thirty-one-year period (Dawson et al). 1993;18:249-60

Vascular lesions
Management and treatment of benign cutaneous vascular lesions (Riles). 1993;18:549 (Book rev)

Veins, physiology
Influence of age on venous physiologic parameters (Schina et al). 1993;18:749-52

Vena cava, inferior
Idiopathic saccular aneurysm of the inferior vena cava: a new case (Levesque et al). 1993;18:544-5 (Letter)
Leiomyosarcoma of the inferior vena cava—experience with 7 patients and literature review (McIntyre). 1993;18:149 (Abstract)
Suprarenal inferior vena caval resection with bilateral renal vein reconstruction for an infected inferior vena cava mass (White et al). 1993;18:319 (Abstract)

Vena cava, superior
Bypass of superior vena cava (Quiñones-Baldrich). 1993;18:148-9 (Abstract)

Venography; *see* **Phlebography**

Venous cutdown
Thrombolysis for occluded vein bypass grafts through surgical access (Sladen et al). 1993;18:1071-3
Venous insufficiency
Deep venous insufficiency: the relationship between lysis and subsequent reflux (Meissner et al). 1993;18:596-608
Distribution and quantification of venous reflux in lower extremity chronic venous stasis disease with duplex scanning (Weingarten et al). 1993;18:753-9
Does air plethysmography correlate with duplex scanning in patients with chronic venous insufficiency (van Bemmelen et al). 1993;18:796-807
Popliteal vein entrapment presenting as deep venous thrombosis and chronic venous insufficiency (Gerkin et al). 1993;18:760-6
Refinements in the ultrasonic detection of popliteal vein reflux (Araki et al). 1993;18:742-8
Regarding "Venous ulcers and the superficial venous system" (Goren) (Letter); (Shami) (Letter reply). 1993;18:716-9
Venous ulcer; *see* **Varicose ulcer**
Vertebral artery
Successful management of traumatic false aneurysm of the extracranial vertebral artery by duplex-directed manual occlusion: a case report (Feinberg et al). 1993;18:889-94 (Case rep)
Surgery of the arteries to the head (Taylor). 1993;18:723 (Book rev)
Vital capacity
Pulmonary risk factors of elective abdominal aortic surgery (Calligaro et al). 1993;18:914-21
Vitamin K
Hereditary protein S deficiency in a large New Jersey kindred (Wilkerson et al). 1993;18:322-3 (Abstract), 1993;18:932-8
Voorhees, Arthur B.
Arthur B. Voorhees, Jr.: pioneer vascular surgeon (Smith). 1993;18:341-8

W

Women
Outcome of infrainguinal arterial reconstruction in women (Harris et al). 1993;18:627-36
Wound healing
Avoiding infrainguinal bypass wound complications in patients with chronic renal insufficiency: the role of the anatomic plane (Blankensteijn et al). 1993;18:540-1 (Abstract)
Limb salvage and wound coverage in patients with large ischemic ulcers: a multidisciplinary approach with revascularization and free tissue transfer (Ciresi et al). 1993;18:648-55
Wounds, nonpenetrating
Abdominal aortic pseudoaneurysm after blunt trauma (Pisters et al). 1993;18:307-9 (Case rep)
Wounds and injuries
Carotid arterial trauma: assessment with the Glasgow Coma Scale as a guide to surgical management (Teehan et al). 1993;18:318 (Abstract)
Penetrating thermal vascular injury in a child: a case report (McNeil et al). 1993;18:1060-3 (Case rep)
Peripheral vascular injuries in children (Eidt). 1993;18:338 (Abstract)
Principles of trauma surgery (Johansen). 1993;18:144-5 (Book rev)
Regarding: "complications of missed arterial injuries" (Weaver and Yellin) (Letter); (Perry) (Letter reply). 1993;18:1077-8
Traumatic and spontaneous extracranial internal carotid artery dissections (Whittemore). 1993;18:149-50 (Abstract)